

**Summer Training at
Gujarat Medical Service Corporation Limited, Gujarat
(April 3 to June 2, 2017)**

Analysis of Inventory Management Technique at Surat Warehouse

**By
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**Under the guidance of
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**MBA Pharmaceutical Management
2016-2018**

The logo for IIHMR University, featuring a stylized 'i' in a purple square followed by the text 'IIHMR UNIVERSITY' in a serif font.
School of Pharmaceutical Management
The IIHMR University, Jaipur
2017

CERTIFICATE

This is to certify that **Mr.Sibananda Pattajoshi** has undergone summer training in **GMSCL, Gujarat** from 3rd April to 2nd June 2017.

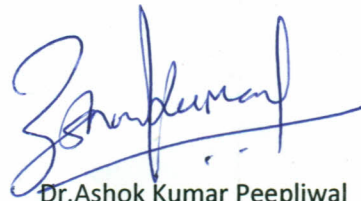
The candidate himself completed the project assign to his during summer training. His approach to the project was sincere and proactive. This summer training is in partial fulfillment of the course requirement recommended for the award of MBA in Pharmaceutical Management.

I wish him success in all her future endeavors.



Col. (Dr.) Ashok Kaushik

(Academic & Student Affair)
The IIHMR University, Jaipur



Dr.Ashok Kumar Peepliwal

(Associate Professor)
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The certificate is awarded to

Sibananda Pattajoshi

In recognition of having successfully completed his

Summer training in the department of

Logistics & Supply chain

and has successfully completed his Project on

Analysis of Inventory Management Technique at surat warehouse

GUJARAT MEDICAL
SERVICES CORPORATION

3rd April, 2017 – 2nd June, 2017

At

Gujarat Medical Services Corporation Limited

He comes across as a committed, sincere & diligent person who has a

strong drive and zeal for learning

We wish him all the best for future endeavors




Managing Director, GMSCL

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INTRODUCTION ABOUT THE ORGANIZATION

The Central Medical Stores Organization (C.M.S.O) was established in 1978 under Health and Family Welfare Department, Govt. of Gujarat and was entrusted with the functions of procurement, storage, distribution of medicines surgical goods medical equipment / instrument and insecticides for the health care institutions under Govt. of Gujarat.

With the changes in the healthcare arena there was a felt need of developing new as well as upgrading the existing functioning and processes of CMSO, and consequently develop an institution supported with necessary infrastructure to make the system responsive to meet the objectives of the universal health coverage. With the view to match the changing demands and pace of development in the sector, CMSO was transformed into "Gujarat Medical Services Corporation Limited" (GMSCL) as an autonomous body and was incorporated under companies act, for systematic procurement, inventory management, Management information system and to infuse professional management with establishment, development and strengthening the use of information technology in medical store organization

The Main Functions of GMSCL:

- Procurement of essential, lifesaving quality medicines, surgical goods & Insecticides, and their timely availability by creating highly decentralized storage capacity & distribution network.
- Procurement of quality medical equipment/Instrument and its maintenance for entire product life cycle.
- Establishment of Diagnostic Medical Service Centre for early diagnosis & ease of treatment for beneficiaries.

Organizational structure

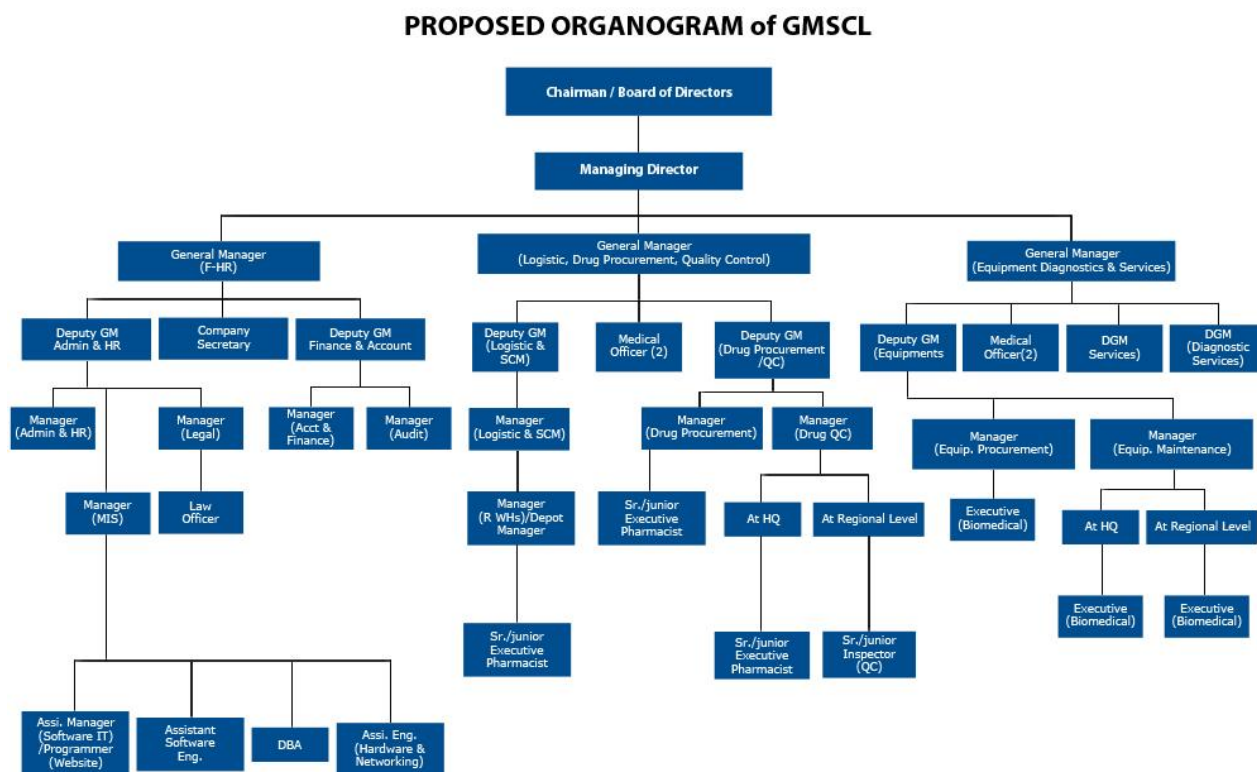
Head of the Department of this Organization is the Managing Director of G.M.S.C.L. There are different branches working under the direct supervision of the Managing Director.

- **Drug Branch** – To carry out procurement of drugs.
- **Instruments (Industry) Branch** – To carry out procurement of Medical Equipment and Instruments
- **Computer Branch** – Computerization of G.M.S.C.L and Planning of G.M.S.C.L
- **Account Branch** – Payment of Bills, Preparation of Accounts.

- **Depot** – Storage and Distribution of drugs to 800 institutions of Gujarat State.
- **Quality Assurance Branch** – To ensure the quality of drugs.
- **Administrative Branch** – Establishment and Personnel work.

FIGURE-1

ORGANOGRAM



DRUG PROCUREMENT PROCESS

- GMSCL follows transparent procurement procedure by an Open tender invitation from reputed manufacturer.
- Indents for purchase of drugs are sent by the respective Direct Demanding Officers of State. Specifications for the purchase of drugs are prepared by the Expert Committee for EDL (Essential Drug List) and non EDL drugs.
- Specifications are prepared according to the requirement of hospitals by Expert Committee.
- After quantifying the indents GMSCL floats on-line tender as per purchase policy of CSPO, purchase policy of Health Department for purchase of Drugs and Equipment's and decision of Board of Director of GMSCL on M/s. (n) Code Solution, Ahmadabad, and advertisement is also published in daily newspapers for the same.
- Primary and technical scrutiny of the tender document is done by the technical experts as per the tender's General Terms & Conditions. After that agenda is submitted to concerned procurement committee (i.e. Local Level Committee (LLC). Managing Director Level Committee (MDLC)
- High Level Purchase Committee (HLPC), and Board Level Committee (BLC) as the case may be. As per the report of Technical Scrutiny, Commercial Bid of all acceptable offers is opened and comparative statement is prepared and L1 Firm is decided and awarded with tender.
- Market survey is being carried out by Market Intelligence Wing (MIW) for price comparison. Further purchase process carried out as per rate contract (RC).
- Purchase order is given as per total received demand & as per required schedule. Payment against the bill of the purchase is done by GMSCL.

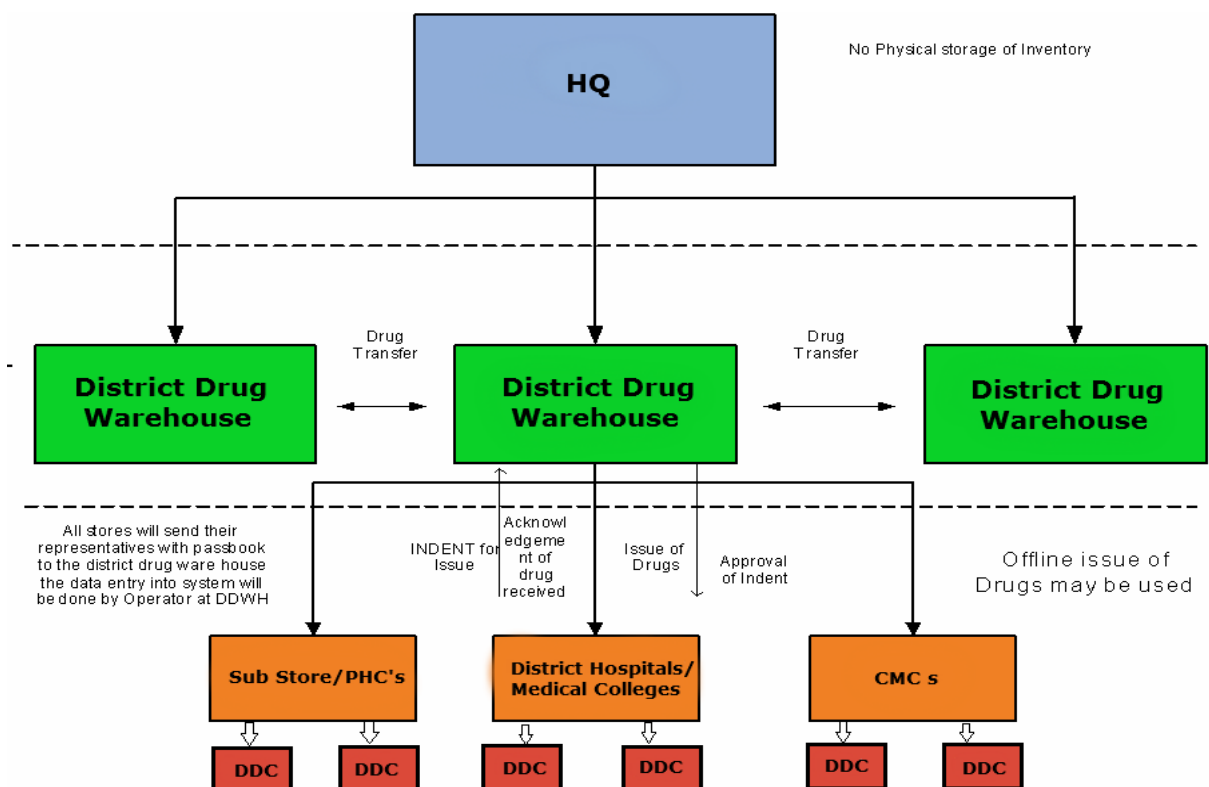
QUALITY ASSURANCE

- Drugs Inspector of GMSCL draws the samples from all depots of corporation and looks after statutory provisions as per the Drugs & Cosmetics act 1940 & rules there under.
- This procedure is followed the receipt of the drugs to GMSCL, which provides another check point related to the quality of the drugs.
- Drugs Inspectors of Food & Drugs Control Administration also draw the samples from supplies made to Health Institutions.

- Based on sub-standard report of the drugs, recovery/replacement process is undertaken,
- The same is informed to all direct demanding officers by circular.
- As per the policy of corporation, debarring process is followed.
- The name of debarred firms is also published on the website of GMSCL.

FIGURE-2

LOGISTIC AND SUPPLYCHAIN PROCESS



INTRODUCTION ABOUT THE PROJECT

“Inventory” means physical stock of goods, which is kept in hands for smooth and efficient running of future affairs of an organization at the minimum cost of funds blocked in inventories (Analysis of Inventory Control Techniques; A, March 2013 Volume 3)

inventory control is vitally important to almost every type of business, whether product or service oriented. Inventory control touches almost every facet of operations. Inventory control is the activities that maintain stock keeping items at desired levels (INVENTORY MANAGEMENT PRACTICES IN PHARMACIES ACROSS TRINIDAD AND TOBAGO, May-June2012)

Inventory control is challenging in business. Managing inventory can directly affect business performance. Having too much inventory on hand means high holding cost, and having too little leads to a rise in ordering cost. Therefore, inventory management should be well planned to achieve the lowest possible total cost.

Classification of Inventory

Different inventory procedures have been developed to enhance inventory management in different purposes. With multiple product lines a firm has, inventory needs to be classified before making decision about inventory methods.

ABC Classification

ABC analysis is one the most widely used tool for materials management. It is also known as Pareto’s Law or “80 – 20 Rule” (Coyle et al. 2003, 208). This classification has been conducted and developed by Vilfredo Pareto, an Italian philosopher and economist. He observed that a very large percentage of total national income and wealth was concentrated on a small percentage of population. This rule of thumb expresses that 80 % of total value is accounted by 20 % of items. This analysis is considered a universal principle. It is therefore widely used in many situations of businesses. (Inventory Management- A Case Study , 2014)

- Class A represents 10 % of materials in inventory and 70 % of the inventory value.
- Class B represents 20 % of materials in inventor and 20 % of the inventory value
- Class C represents 70 % of material in inventory and only 10 % of inventory value

Figure-3

Criteria	classes		
	A	B	C
Number of item	10%	20%	70%
Value of inventory	70%	20%	10%
Stock control	Strict	moderate	looses
Importance	High	moderate	low
Control effort	maximum	moderate	minimum
Fore cast	accurate	estimate	moderate

Advantage of ABC classification is that controlling small numbers of items amounting to 10-20 % will result in the control of 75-80 % of the monetary value of the inventory held.

VED ANALYSIS

The VED criticality analysis of all the listed items was performed by classifying the items into vital (V), essential (E) and desirable (D) categories.

v- The items critically needed for the survival of the patients and those that must be available always were included in the V category.

E-The items with a lower criticality need and those that may be available in the hospital were included in the E group.

D-The remaining items with lowest criticality, the shortage of which would not be detrimental to the health of the patients, were included in the D group. (ABC and VED Analysis of the Pharmacy Store of a Tertiary Care Teaching, Research and Referral Healthcare Institute of India, 2013)

Rationale for Having Inventory

- Economies of scale can be obtained by purchasing large volumes which allows cost reduction per unit fixed cost. Also, transportation can get economies of scale through utilization by moving larger volume of product
- Protection from uncertainties is a primary reason for holding inventory.

- Having stock on hand can reduce the risk of shortage or stock out situation which might lead to inefficient supply of product and lack of reliability from the customer.

Research question

- What are the different inventory management technique that can be implemented in the Surat ware house?
- What are the benefit of each inventory management technique?
- Which categories of drug are required for strict monitoring?

Aim

- To find out the different inventory management technique that can be implemented in the Surat ware house

Objective

- To find out the A, B &C Class of Drug for ABC Analysis of inventory control technique
- To find out Vital, Essential, and Desirable class of Drug for VED Analysis
- To find out how much percentage of inventory value that each category of Drug constitutes
- To find out which category of drug require close monitoring and strict control by management

Data collection: Primary source of Data collection

Data was collected from the Surat warehouse

332 number of item were taken for the analysis

Methodology

ABC Analysis

- the data of annual Demand of each item of the Ware House for the financial year 20017-18were collected.
- The data were then transferred in an MS Excel spreadsheet.
- Then the unit price of each item was calculated
- Then the expenditure of each item was calculated
- Then the cumulative percentage of expenditure and the cumulative percentage of number of items were calculated.

- This list was then subdivided into three categories that is A, B and C based on the cumulative Expenditure percentage of 70%, 20% and 10%, respectively
- The statistical analysis was carried out using the MS Excel statistical functions.

VED Analysis

- The VED Analysis was performed by classifying Each item into vital (V), essential (E) and Desirable (D) categories.
- Those items Which is critically need for the survival of the patients and those that must be available at all the time were included in the V category.
- Those items with a lower criticality need and those that may be available, and absence of these item may stop the work for some duration or day included in the E group
- Those remaining items with lowest criticality, the shortage of which would not be detrimental to the health of the patients and absence of these item may not stop the work flow were included in the D group.
- All the drug is categorise as Vital, Essential, and Desirable with the discussion and view of the medical officer, Depot manager senior pharmacist and junior pharmacist.
- Then all the data was transferred into excel spread sheet and each item was placed starting from vital then desirable and then essential item
- Then the cumulative % value of each item was calculated

FINDING AND RESULT FOR ABC ANALYSIS

Figure-4

SL NO	item code	stock in hand	expenditure	Cumulative expenditure value	cumulative expenditure %
1	2097	4596	2527998.33	2527998.33	4.76%
2	2142	600	2089800	4617798.33	8.70%
3	2028	141570	1684541.43	6302339.76	11.87%
4	1016	1223900	1590814.9	7893154.66	14.87%
5	6155	126420	1450037.4	9343192.06	17.60%
6	1185	341400	1314390	10657582.06	20.08%
7	2024	99960	1199520	11857102.06	22.34%
8	2280	1260	1082340	12939442.06	24.38%
9	4278	46950	1021162.5	13960604.56	26.30%

10	1168	1647600	886408.8	14847013.36	27.97%
11	3054	37072	883425.76	15730439.12	29.64%
12	3086	436369	869620.3	16600059.42	31.28%
13	6136	34400	841589.12	17441648.54	32.86%
14	1006	1068700	773738.8	18215387.34	34.32%
15	1173	3766900	726145.31	18941532.65	35.69%
16	6174	100343	700073.04	19641605.69	37.01%
17	1113	1234600	660640.01	20302245.7	38.25%
18	4293	2700	657675	20959920.7	39.49%
19	1199	288700	627541	21587461.7	40.67%
20	4027	34464	620352	22207813.7	41.84%
21	1254	33980	577660	22785473.7	42.93%
22	3098	5855	573163.5	23358637.2	44.01%
23	2147	50077	561363.17	23920000.37	45.07%
24	6170	78544	547985.78	24467986.15	46.10%
25	6172	78297	546262.51	25014248.66	47.13%
26	1018	1331500	517447.53	25531696.19	48.10%
27	4292	2820	513005	26044701.19	49.07%
28	6173	71354	497822.59	26542523.78	50.01%
29	3030	10110	489728.4	27032252.18	50.93%
30	3140	20655	485805.6	27518057.78	51.85%
31	3174	60703	480767.76	27998825.54	52.75%
32	4291	1860	461125	28459950.54	53.62%
33	6171	64207	447959.4	28907909.94	54.47%
34	4179	6517	447819.07	29355729.01	55.31%
35	4017	112620	447101.4	29802830.41	56.15%
36	1114	1461100	416757.89	30219588.3	56.94%
37	1288	579500	411445	30631033.3	57.71%
38	4305	73851	406180.5	31037213.8	58.48%
39	4198	5593	402727.5	31439941.3	59.24%
40	4294	2736	397404	31837345.3	59.98%
41	2219	1578	396078	32233423.3	60.73%
42	1039	948700	393710.5	32627133.8	61.47%
43	1267	179900	383187	33010320.8	62.19%
44	2305	12068	367494	33377814.8	62.89%
45	4002	2417	354582.8	33732397.6	63.56%
46	3088	62928	350004.24	34082401.84	64.21%
47	1319	1447200	347328	34429729.84	64.87%
48	4028	10957	342229.14	34771958.98	65.51%
49	2113	53640	334713.6	35106672.58	66.14%
50	3106	78	328419	35435091.58	66.76%
51	4190	75421	328081.35	35763172.93	67.38%

52	1127	1517800	325385.96	36088558.89	67.99%
53	4004	7232	302805.68	36391364.57	68.57%
54	1251	2092400	292831.47	36684196.04	69.12%
55	4005	4630	279986.38	36964182.42	69.64%
			272484.54	37236666.96	70.16%
56	1061	2727300	266112	37502778.96	70.66%
57	4037	14784	264406.58	37767185.54	71.16%
58	3200	51317	262999.41	38030184.95	71.65%
59	3235	2859	259220.4	38289405.35	72.14%
60	2229	15384	257500	38546905.35	72.63%
61	6157	2575	250087.5	38796992.85	73.10%
62	2125	48750	244534.4	39041527.25	73.56%
63	4189	55576	241254	39282781.25	74.01%
64	4289	936	238070	39520851.25	74.46%
65	2262	1330	228988	39749839.25	74.89%
66	4295	1104	228928	39978767.25	75.32%
67	1172	204400	227301.46	40206068.71	75.75%
68	1031	314000	226670	40432738.71	76.18%
69	1096	596500	215340	40648078.71	76.59%
70	4035	444	211091.73	40859170.44	76.98%
71	3036	38595	207503	41066673.44	77.37%
72	1155	351700	207126	41273799.44	77.76%
73	1240	62200	206145	41479944.44	78.15%
74	2143	152700	206084.5	41686028.94	78.54%
75	1034	344600	196375.98	41882404.92	78.91%
76	1029	1275500	192500	42074904.92	79.27%
77	6158	1925	190724.4	42265629.32	79.63%
78	1044	155700	188741.42	42454370.74	79.99%
79	3223	11878	188229.3	42642600.04	80.34%
80	1017	263400	187123.52	42829723.56	80.70%
81	4024	42611	182717.08	43012440.64	81.04%
82	1287	923000	182500	43194940.64	81.38%
83	6160	1825	182500	43377440.64	81.73%
84	6169	1825	172437.06	43549877.7	82.05%
85	3117	27723	165600	43715477.7	82.36%
86	1247	11500	164181	43879658.7	82.67%
87	3243	1650	163420.95	44043079.65	82.98%
88	3105	28992	162533.98	44205613.63	83.29%
89	2198	1421	160196.21	44365809.84	83.59%
90	3142	21859	160037.5	44525847.34	83.89%
91	2151	4130	160000	44685847.34	84.19%
92	1253	12800	157399.1	44843246.44	84.49%

93	1121	162100	155191.55	44998437.99	84.78%
94	3100	1945	154759.5	45153197.49	85.07%
95	2049	122825	152500	45305697.49	85.36%
96	6168	1525	146395.02	45452092.51	85.64%
97	3057	8447	146160	45598252.51	85.91%
98	2012	70	144744.75	45742997.26	86.18%
99	1038	2517300	143384.8	45886382.06	86.45%
100	3002	42172	142836.48	46029218.54	86.72%
101	3218	864	141659.2	46170877.74	86.99%
102	4006	568	139965	46310842.74	87.25%
103	1131	399900	136320.8	46447163.54	87.51%
104	3060	15491	131046.11	46578209.65	87.76%
105	2044	9421	128232	46706441.65	88.00%
106	3138	13152	123500	46829941.65	88.23%
107	6167	1235	118662.4	46948604.05	88.46%
108	1084	1564900	118340	47066944.05	88.68%
109	2302	1940	114960.5	47181904.55	88.90%
110	1198	534700	113730	47295634.55	89.11%
111	4304	408	112500	47408134.55	89.32%
112	6164	1125	112318.8	47520453.35	89.53%
113	1021	221100	109500	47629953.35	89.74%
114	6161	1095	105000	47734953.35	89.94%
115	6163	1050	102450.6	47837403.95	90.13%
116	1086	1089900	98800	47936203.95	90.32%
117	3018	260	97920	48034123.95	90.50%
118	4055	4352	94525	48128648.95	90.68%
119	2047	995	90744	48219392.95	90.85%
120	4044	4776	88780.8	48308173.75	91.02%
121	6078	12800	87161	48395334.75	91.18%
122	4288	516	85164.3	48480499.05	91.34%
123	2260	3263	85000	48565499.05	91.50%
124	6165	850	84678.75	48650177.8	91.66%
125	3245	5211	84207.2	48734385	91.82%
126	2214	5468	82500	48816885	91.98%
127	6159	825	76356	48893241	92.12%
128	1125	280000	75177.44	48968418.44	92.26%
129	2197	208	74614.13	49043032.57	92.40%
130	1325	94700	73499	49116531.57	92.54%
131	3139	3350	72500	49189031.57	92.68%
132	6162	725	71579.6	49260611.17	92.81%
133	4009	2402	71249.49	49331860.66	92.95%
134	1128	114900	71208	49403068.66	93.08%

135	4303	288	69560.11	49472628.77	93.21%
136	1276	419760	69118.6	49541747.37	93.34%
137	3058	11917	68944.11	49610691.48	93.47%
138	2066	18390	68157.16	49678848.64	93.60%
139	1147	28400	65848.28	49744696.92	93.72%
140	1272	29200	65394.92	49810091.84	93.85%
141	1071	115600	62177.5	49872269.34	93.96%
142	2046	595	58072	49930341.34	94.07%
143	1124	85400	57834	49988175.34	94.18%
144	2215	3570	51460.5	50039635.84	94.28%
145	4015	118300	49535.85	50089171.69	94.37%
146	2039	16625	48944.7	50138116.39	94.47%
147	2027	1700	48623.4	50186739.79	94.56%
148	1090	227000	48195	50234934.79	94.65%
149	3203	1190	47879.37	50282814.16	94.74%
150	3175	441	46226	50329040.16	94.83%
151	1320	79700	45000	50374040.16	94.91%
152	6166	450	44888	50418928.16	94.99%
153	1313	36200	43989.3	50462917.46	95.08%
154	1051	55500	43941	50506858.46	95.16%
155	2124	4530	43680	50550538.46	95.24%
156	3241	336	43316.5	50593854.96	95.32%
157	4020	50200	43282.8	50637137.76	95.41%
158	3026	10930	40890.03	50678027.79	95.48%
159	4036	1044	40400	50718427.79	95.56%
160	2276	400	40363.4	50758791.19	95.63%
161	6137	1100	40311.2	50799102.39	95.71%
162	1087	258900	40076.25	50839178.64	95.79%
163	2187	14425	38869.6	50878048.24	95.86%
164	2034	5048	38160	50916208.24	95.93%
165	2014	2000	37885.77	50954094.01	96.00%
166	1260	11700	35255.88	50989349.89	96.07%
167	4137	1596	34577.28	51023927.17	96.13%
168	4021	32400	34576.57	51058503.74	96.20%
169	3134	2341	34315.4	51092819.14	96.26%
170	3214	3860	32925.52	51125744.66	96.33%
171	4140	1488	32680	51158424.66	96.39%
172	1237	43000	32270	51190694.66	96.45%
173	2248	922	32260.89	51222955.55	96.51%
174	1208	18689	31080	51254035.55	96.57%
175	4143	1332	30565.5	51284601.05	96.63%
176	4228	994	30300	51314901.05	96.68%

177	4142	1212	29680.02	51344581.07	96.74%
178	3029	3509	29559.6	51374140.67	96.79%
179	3003	4968	29160	51403300.67	96.85%
180	4153	1296	28824.25	51432124.92	96.90%
181	2278	905	27409.15	51459534.07	96.96%
182	2023	1979	26791.2	51486325.27	97.01%
183	2025	5490	26702	51513027.27	97.06%
184	2244	3380	25756	51538783.27	97.10%
185	4146	1128	25650	51564433.27	97.15%
186	4117	2052	25347	51589780.27	97.20%
187	1178	49700	25315.2	51615095.47	97.25%
188	1283	29300	25206.8	51640302.27	97.30%
189	2263	20	25158.4	51665460.67	97.34%
190	2029	3090	24738	51690198.67	97.39%
191	2228	1550	24273.6	51714472.27	97.44%
192	3015	3890	24146.78	51738619.05	97.48%
193	2135	322	23712	51762331.05	97.53%
194	4283	1872	23320	51785651.05	97.57%
195	1250	58300	23240	51808891.05	97.61%
196	4155	996	22950	51831841.05	97.66%
197	3143	7650	22750.5	51854591.55	97.70%
198	4013	52300	22606	51877197.55	97.74%
199	3023	178	22317	51899514.55	97.78%
200	3080	173	22050	51921564.55	97.83%
201	1227	88200	21995.05	51943559.6	97.87%
202	3209	1595	21185.4	51964745	97.91%
203	2203	3162	20882	51985627	97.95%
204	2195	4925	20249.1	52005876.1	97.98%
205	1100	135900	20217.6	52026093.7	98.02%
206	2121	1296	20160	52046253.7	98.06%
207	1149	11200	19755.27	52066008.97	98.10%
208	3070	3223	19607.4	52085616.37	98.13%
209	1120	66400	19182.27	52104798.64	98.17%
210	3081	3313	18876	52123674.64	98.21%
211	1130	78000	18603.95	52142278.59	98.24%
212	2088	810	18148.4	52160426.99	98.28%
213	3239	2360	17860.2	52178287.19	98.31%
214	6081	2575	16942.38	52195229.57	98.34%
215	1205	74900	16885.8	52212115.37	98.37%
216	2017	1770	16750	52228865.37	98.40%
217	4317	67	16554	52245419.37	98.44%
218	2003	1860	16472.1	52261891.47	98.47%

219	2048	6375	16200	52278091.47	98.50%
220	3090	100	16042.5	52294133.97	98.53%
221	4074	1242	16038	52310171.97	98.56%
222	2129	4950	15759.6	52325931.57	98.59%
223	1256	11500	15590.9	52341522.47	98.62%
224	2274	871	14924.7	52356447.17	98.64%
225	4188	3090	14798.7	52371245.87	98.67%
226	1257	20300	14758.5	52386004.37	98.70%
227	2164	760	14625	52400629.37	98.73%
228	1213	117000	14429.55	52415058.92	98.76%
229	1090	78850	14355.7	52429414.62	98.78%
230	3216	1613	14280	52443694.62	98.81%
231	4147	612	13880.5	52457575.12	98.84%
232	1136	39100	13764.55	52471339.67	98.86%
233	1280	9500	13727.01	52485066.68	98.89%
234	1089	110800	13500	52498566.68	98.91%
235	4090	300	13305.7	52511872.38	98.94%
236	6001	745	13084	52524956.38	98.96%
237	1322	40000	12945.94	52537902.32	98.99%
238	1119	17800	12693.8	52550596.12	99.01%
239	1059	121900	12530.79	52563126.91	99.03%
240	1214	71000	12474	52575600.91	99.06%
241	1171	23100	12375.2	52587976.11	99.08%
242	2144	998	11771	52599747.11	99.10%
243	1065	11800	11657.24	52611404.35	99.13%
244	3073	34	11545.83	52622950.18	99.15%
245	1083	39100	11162.25	52634112.43	99.17%
246	4227	363	10408.25	52644520.68	99.19%
247	4310	2449	10333.4	52654854.08	99.21%
248	1200	3500	10263.2	52665117.28	99.23%
249	1062	130690	10048.8	52675166.08	99.25%
250	1222	37920	10020	52685186.08	99.26%
251	2299	60	10000	52695186.08	99.28%
252	6155	100	9806	52704992.08	99.30%
253	1148	4090	9552.3	52714544.38	99.32%
254	1015	2550	9460.5	52724004.88	99.34%
255	4182	17000	9124.15	52733129.03	99.35%
256	2042	995	9030	52742159.03	99.37%
257	4207	516	8975	52751134.03	99.39%
258	4116	718	8223.6	52759357.63	99.40%
259	1081	92400	8169	52767526.63	99.42%
260	1097	55000	8055.25	52775581.88	99.43%

261	1041	214900	7986.6	52783568.48	99.45%
262	4315	2754	7935	52791503.48	99.46%
263	1202	23000	7896	52799399.48	99.48%
264	4314	2820	7881	52807280.48	99.49%
265	1196	4440	7548	52814828.48	99.51%
266	2138	5100	7474.71	52822303.19	99.52%
267	2050	4425	7320	52829623.19	99.54%
268	4047	300	7265.7	52836888.89	99.55%
269	1093	35100	7215.86	52844104.75	99.56%
270	2301	79	7056	52851160.75	99.58%
271	2005	2450	6866.88	52858027.63	99.59%
272	3246	552	6811.5	52864839.13	99.60%
273	2045	570	6710	52871549.13	99.62%
274	2114	610	6450	52877999.13	99.63%
275	1141	25800	5980	52883979.13	99.64%
276	1323	13000	5948.73	52889927.86	99.65%
277	1249	15700	5854.42	52895782.28	99.66%
278	3027	979	5777	52901559.28	99.67%
279	1271	5300	5688.35	52907247.63	99.68%
280	1026	34900	5565.45	52912813.08	99.69%
281	2004	1650	5362.5	52918175.58	99.70%
282	2258	825	5126.56	52923302.14	99.71%
283	1023	47880	5068.8	52928370.94	99.72%
284	1324	17600	5060	52933430.94	99.73%
285	4309	1265	4854.6	52938285.54	99.74%
286	2090	540	4770	52943055.54	99.75%
287	4060	216	4698.4	52947753.94	99.76%
288	2093	560	4606.56	52952360.5	99.77%
289	4307	1371	4455	52956815.5	99.78%
290	4313	1650	4450.3	52961265.8	99.78%
291	1110	1910	4410	52965675.8	99.79%
292	3211	245	4393	52970068.8	99.80%
293	2146	382	4389	52974457.8	99.81%
294	1353	1100	4379	52978836.8	99.82%
295		348	4256	52983092.8	99.83%
296	1135	22400	4029.3	52987122.1	99.83%
297	3304	10	4029.3	52991151.4	99.84%
298	3305	10	3970.8	52995122.2	99.85%
299	1207	17900	3958.59	52999080.79	99.86%
300	4308	1039	3760	53002840.79	99.86%
301	3309	10	3720	53006560.79	99.87%
302	4076	288	3632.2	53010192.99	99.88%

303	1112	44000	3582	53013774.99	99.88%
304	2041	18	3564	53017338.99	99.89%
305	3302	10	3564	53020902.99	99.90%
306	3303	10	3564	53024466.99	99.90%
307	3306	10	3525.9	53027992.89	99.91%
308	1182	6570	3509.5	53031502.39	99.92%
309	2026	250	3420	53034922.39	99.92%
310	2032	2375	3375.9	53038298.29	99.93%
311	3310	10	3280	53041578.29	99.94%
312	2250	40	3116.07	53044694.36	99.94%
313	1008	43000	3096	53047790.36	99.95%
314	1005	4300	3074	53050864.36	99.95%
315	4312	1160	2888.35	53053752.71	99.96%
316	4316	947	2874.05	53056626.76	99.96%
317	4194	1223	2557.8	53059184.56	99.97%
318	2015	1740	2403	53061587.56	99.97%
319	1040	2700	2323.62	53063911.18	99.98%
320	1270	1800	2276	53066187.18	99.98%
321	4275	100	2216.1	53068403.28	99.99%
322	1101	8300	1956	53070359.28	99.99%
323	4290	12	1650	53072009.28	99.99%
324	4093	120	1064.28	53073073.56	100.00%
325	4284	84	788.32	53073861.88	100.00%
326	2010	160	697.5	53074559.38	100.00%
327	4073	54	467.92	53075027.3	100.00%
328	1154	7900	369.43	53075396.73	100.00%
329	4230	2111	232.99	53075629.72	100.00%
330	1068	2300	34.2	53075663.92	100.00%
331	1226	200	4.38	53075668.3	100.00%

NAME OF DRUG WITH ITEM CODE

2097 - Lyophilised Polyvalent Antisnake Venom Serum (Snakevenom Antiserum Powder)

2142 - Rabies Immunoglobulin Human Inj 300 IU

2028 - Ceftriaxone for Inj1Gm (Deep IM/Slow IV Infusion)

1016 - Amoxicillin Capsules 500mg

6155 - Sanitary Napkin(Regular)

1185 - Azithromycin Tablets 500mg
 2024 - Cefotaxime for Injection 1 gm
 2280 - Recombinant Insulin Glargine -3ML (100)
 4278 - Disposable spinal Needle 23G x 3 1/2 inch
 1168 - Trimethoprim & Sulphamethoxazole Tablets
 3054 - Framycetin Sulphate Cream (30Gm Tube)
 3086 - O.R.S.(W.H.O. Formula)
 6136 - X Ray Film Size:10x 12 In
 1006 - Albendazole Tablets 400mg
 1173 - Vitamin B Complex Tablets (Therapeutic)
 6174 - Surgical Rubber Gloves (Disposable) 8 Inch
 1113 - Metronidazole Tablets 400mg
 4293 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:2/0,LENGTH:90 CMS 1/2 CIRCLE RC 40MM NEEDLE
 1199 - Cefixime Tablets 200mg
 4027 - Ab.Surg.Sut.Catgut Plain 1-0 w/o needle
 1254 - Deferasirox Tablets 500mg
 3098 - Povidone Iodine Ointment 5%(500gm Jar)
 2147 - Sodium Chloride Inj 500ml (For IV infusion)
 6170 - Surgical Rubber Gloves (Disposable) 6 Inch
 6172 - Surgical Rubber Gloves (Disposable) 7 Inch
 1018 - Amoxycillin Trihydrate Dispersible Tablets 125mg
 4292 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:2/0,LENGTH:90 CMS 1/2 CIRCLE RB 30MM NEEDLE
 6173 - Surgical Rubber Gloves (Disposable) 7.5 Inch
 3030 - Vitamin A Solution Conc.1 Lac IU/1ml,100ml Bottle
 3140 - Neomycin,Bacitracin & Polymixin-B Oint.
 3174 - Neomycin Skin Ointment
 4291 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:0,LENGTH:90 CMS 1/2 CIRCLE RC 36MM NEEDLE
 6171 - Surgical Rubber Gloves (Disposable) 6.5 Inch
 4179 - Absorbent Cotton Wool (400 Gm)
 4017 - Infusion Set (E.T.O.Sterilised)
 1114 - Metronidazole Tablet 200mg, Strip
 1288 - Montelukast Sodium Tablet 10 mg
 4305 - Micropore Adhesive Paper Tape.
 4198 - Elastic Adhesive Bandage Size: 10CM X 2.70 mtr
 4294 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 ANTIBACTERIAL SUTURE SIZE-3/0
 2219 - Amino Acid 10% Injection 500ml
 1039 - Chloroquine Phosphate Tablets 250mg

1267 - Azithromycin Tablet 250 mg
 2305 - Paracetamol injection (for IV Infusion) 100 ml.
 4002 - Absorbent Gauze (20mt x 90cm)
 3088 - Paracetamol Syrup 125 mg/5 ml
 1319 - Tab. Olanzapine 10 mg
 4028 - Ab.Surg.Sut.Catgut Plain 2-0 w/o needle
 2113 - Metronidazole Injection (I.V.Infusion)
 3106 - Sevoflurane Liquid with quick fill adaptor
 4190 - I.V. Cannula With Injection Valve Size:22 G
 1127 - Paracetamol Tablets 500mg
 4004 - Adhesive Tape 5cmx10mtr
 1251 - Zinc Sulphate Dispersible Tablets 20mg
 4005 - Adhesive Tape 7.5cmx10mtr
 1061 - Diclofenac Sodium Tablets 50mg
 4037 - Ab.Surg.Sut.Catgut Chromic 1-0 w/o needle
 3200 - Levocetirizine Dihydrochloride Syrup
 3235 - Alcoholic Rub Hand Disinfectant 500 ml
 2229 - Sulbactam & Cefoperazone for Injection 1gm
 6157 - Plastic Bags (Yellow) Small
 2125 - Oxytocin Injection (For SC/IM/Slow IV Infusion)
 4189 - I.V. Cannula With Injection Valve Size:20 G
 4289 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:1,LENGTH:90 CMS 1/2 CIRCLE RC 40 MM NEEDLE
 2262 - Sulbactam 1 Gm Vial
 4295 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 ANTIBACTERIAL SUTURE
 1172 - Vitamin A Capsules 2 Lac i.u.
 1031 - Carbamazepine Tablets 200 mg
 1096 - Ibuprofen Tablets 400mg
 4035 - Ab.Surg.Sut.Catgut Chromic 1 w/o needle
 3036 - Diclofenac Sodium Gel 1% w/w
 1155 - Sodium Valproate Tablets 200 mg
 1240 - Spironolactone 100mg Strip
 2143 - Ranitidine Hydrochloride Inj. (IM/slow IV use)
 1034 - Cefadroxil Kid Tablets 125mg
 1029 - Calcium Gluconate Tablets 500mg
 6158 - Plastic Bags (Blue) Large
 1044 - Ciprofloxacin Tablets 500mg
 3223 - Clotrimazole Gel 30gm Tube
 1017 - Amoxycillin Capsules 250mg.

4024 - Rolled Bandage (5mt x 5cm)
 1287 - Calcium & Vitamin D3 Tablets 500 mg + 250 IU
 6160 - Plastic Bags (Blue) Small
 6169 - Plastic Bags (Green) Small
 3117 - Trimethoprim & Sulphamethoxazole Oral Suspension
 1247 - Ribavarin 200 mg
 3243 - Budenoside Inhaler
 3105 - Salbutamol Syrup 2 mg/5 ml
 2198 - Methyl Prednisolone Sod.Succ.For Inj. 500mg
 3142 - Povidone Iodine Ointment 5% (20gm Tube)
 2151 - Sterile Vancomycin HCL Injection(slow IV infusion)
 1253 - Deferasirox Tablets 250mg
 1121 - Norfloxacin Tablets 400mg
 3100 - Povidone Iodine Solution 5%
 2049 - Diclofenac Sodium Injection (IM use)
 6168 - Plastic Bags (Green) Medium
 3057 - Gamma Benzene Hexachloride Application
 2012 - Anti D (RHO) Immunoglo. Human Inj.300mcg (Liquid)
 1038 - Chlorine Tablets 0.5 gm
 3002 - Albendazole Suspension 200 mg/5 ml
 3218 - NS 1 Dengue kits
 4006 - Bandage Cloth (20mt x 90cm)
 1131 - Polyvitamin Tablets (Prophylactic) (NFI Formula)
 3060 - Gentian Violet Topical Solution.
 2044 - Dextrose Injection 10% (For I.V.Infusion)
 3138 - HCV Elisa Test Kit Hepatitis C Virus
 6167 - Plastic Bags (Green) Large
 1084 - Folic Acid & Ferrous Sulph. Tab. (Small)
 2302 - Haemocoagulase Injection.
 1198 - Atorvastatin Tablets 10mg
 4304 - SYNTHETIC ABSORBABLE MONOFILAMENT TRICLOSAN COATED
 POLIGLECAPRONE 25 ANTIBACTERIAL SUTURE SIZE 4/0
 6164 - Plastic Bags (Black) Large
 1021 - Ascorbic Acid Tablets (Chewable)
 6161 - Plastic Bags (Red) Large
 6163 - Plastic Bags (Red) Small
 1086 - Folic Acid Tablets 5mg
 3018 - Bleaching Powder Grade II I.S.I.Mark 25 Kg
 4055 - Absorbable Surgical Suture (Polyglycolic acid)With Needle
 2047 - Diatrizoate Maglum.& Diat.Sod.Inj. (76%)

4044 - Absorbable Surgical Suture Catgut chromic with Needle.
 6078 - Surg. Rubber Gloves 6.5 Inch
 4288 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:1,LENGTH:90 CMS 1/2 CIRCLE HEAVY RB 40MM NEEDLE
 2260 - Linezolid 200mg
 6165 - Plastic Bags (Black) Medium
 3245 - NeomycinSulp,Polymyxin B Sul, Bacitracin Zinc Powcitracin Zinc Powder 10gm
 2214 - Levofloxacin Infusion 500mg/100ml (I.V. use)
 6159 - Plastic Bags (Blue) Medium
 1125 - Omeprazole Capsules 20mg
 2197 - Iohexol Injection
 1325 - Tab. Donepezil 5 mg
 3139 - HCV Rapid Test Kit Hepatitis C Virus
 6162 - Plastic Bags (Red) Medium
 4009 - Crepe Bandage Pack (10cmx4mtr)
 1128 - Phenobarbitone Tablets 30mg
 4303 - SYNTHETIC ABSORBABLE MONOFILAMENT TRICLOSAN COATED
 POLIGLECAPRONE 25 ANTIBACTERIAL SUTURE SIZE 3/0
 1276 - Famotidine Tablets 40mg
 3058 - Gentamicin Eye Drops 0.3% w/v
 2066 - Gentamicin Injection 80mg (IM/slow IV/IV infusion)
 1147 - Pyrimethamine & Sulphadoxine Tablets
 1272 - Cefadroxil Tablet 500mg
 1071 - Doxycycline Capsules 100mg
 2046 - Diatrizoate Maglum.& Diat.Sod.Inj. (60%)
 1124 - Ofloxacin Tablets 200mg
 2215 - Aciclovir Intravenous Infusion
 4015 - Sterile Hypodermic Needle Size:24x1 In
 2039 - Dexamethasone Sodium Phosphate Inj.(For IM/IV Use)
 2027 - Ceftazidime for Inj 1 Gm .(DeepIM/Slow IV infusion
 1090 - Glipizide Tablets 5mg
 3203 - Lactulose Solution
 3175 - Compound Benzoin Tincture
 1320 - Tab. Mirtazapine 15 mg
 6166 - Plastic Bags (Black) Small
 1313 - Tab. Amisulpride 100 mg
 1051 - Clotrimazole Vaginal Tablets 100mg
 2124 - Ofloxacin Injection (For IV infusion)
 3241 - Anti-D Blood grouping serum
 4020 - Sterile Syringe 2 ml(Without Needle)

3026 - Vitamin D 3 60000 IU , Sachet
 4036 - Ab.Surg.Sut.Catgut Chromic 2 w/o needle
 2276 - Inj. Hyaluronidase 1500 IU Vial 1unit
 6137 - X Ray Film Size 12 X15
 1087 - Frusemide Tablets 40mg
 2187 - Ondansetron Injection
 2034 - Ciprofloxacin Injection (IV Infusion)
 2014 - Atracurium Besilate Injection For IV/infusion use
 1260 - Diclofenec Sodium Suppository 50mg.
 4137 - Ab.Sur.Sut. (Polyglactin 910)1 with 1/2 cirRB 40mm
 4021 - Sterile Hypodermic Syringe for Single use Size:5ML(Without Needle)
 3134 - Clotrimazole Ear Drops 1%
 3214 - Petroleum Jelly (White)30gm Tube
 4140 - Absorbable surgical suture Polyglactin 910 {synthetic}With Needle
 1237 - Metformin Hydrochloride Tablets 1000 mg
 2248 - Atropine Sulphate Injection 0.6mg/ml, 30ml Vial
 1208 - Misoprostol Tablets 200mcg
 4143 - Ab.Sur.Sut.(Polyglactin) 1-0 1/2cirRB40m
 4228 - Foleys Catheter 10 FR (3 to 5CC) Balloon
 4142 - Ab.Sur.Sut.(Polyglactin) 1-0 1/2cirRB30m
 3029 - Compound Benzoic Acid Ointment (Whitefields Oint.)
 3003 - Amoxycillin oral suspension
 4153 - Ab.Sur.Sut.(Polyglact) 3-0 1/2cirRB20mm
 2278 - Labetalol Injection.
 2023 - Cefazoline Sod Inj 500mg For IM/IV /Infusion use
 2025 - Cefotaxime for Injection 250 mg (for IM/IV use)
 2244 - Amikacin Injection250mg. Vial
 4146 - Ab.Sur.Sut.(Polyglact) 2-0 1/2cirRB30mm
 4117 - Non-ab.Monofi.Polyamid 2-0 Straightcut60
 1178 - Fluconazole Tablets 50mg
 1283 - Pantoprazole & Domperidone SR Capsules 40mg+ 30mg
 2263 - Inj Immuno nutrition as Immuno-modulation as intravenous glutamine dipeptides 100ml
 10%-100ml
 2029 - Ceftriaxone forInj500mg (Deep IM/Slow IV Infusion)
 2228 - Iron Sucrose Injection (For I.V. Use)
 3015 - Betamethasone Valerate Cream
 2135 - Pralidoxime Chloride Inj.(IM/slowIV/ infusion use)
 4283 - BB Silk 1 3/8 Cir Cutt 60 mm Needle 76 cms
 1250 - Tramadol Cap 100mg
 4155 - Ab.Sur.Sut.(Polyglact) 3-0 3/8cirCut22mm

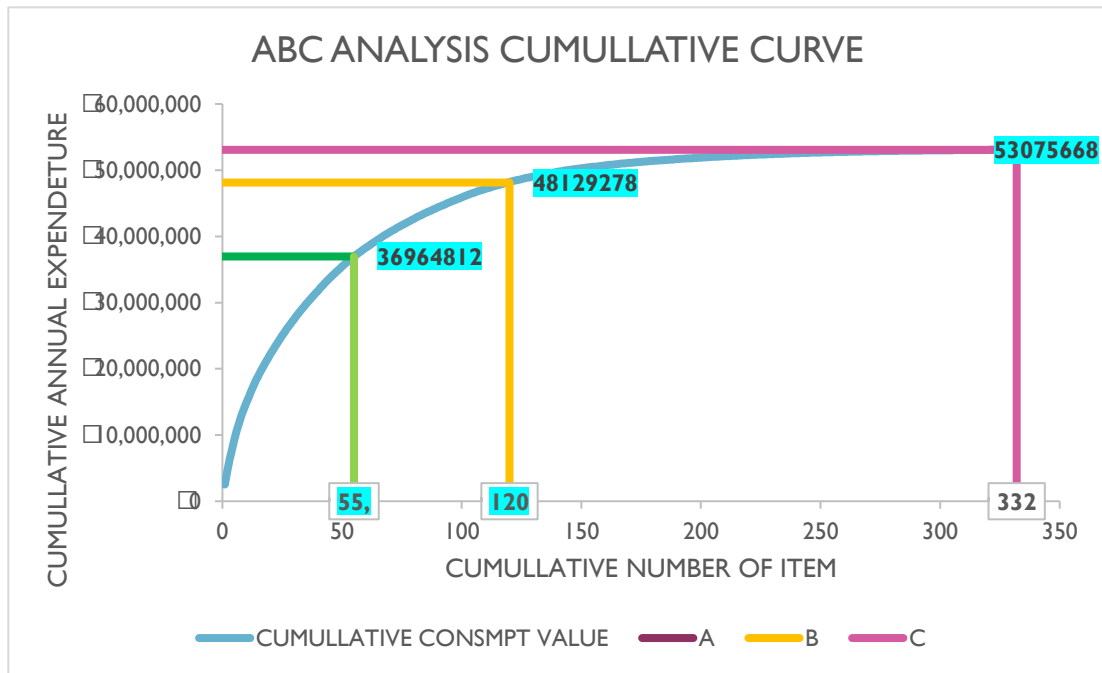
3143 - Pregnancy Test Kit (HCG DipstiK)
 4013 - Sterile Hypodermic Needle Size:23x1In
 3023 - Chlorhexidine Gluconate Soln 4% w/v
 3080 - Liquid Paraffin (Heavy)
 1227 - Pioglitazone Tablets 15mg
 3209 - Glycerine 100 ml Bottle
 2203 - Sodium Chloride Inj.(IV use) 100ml
 2195 - Glycopyrrolate Injection (IM/IV use)
 1100 - Isosorbide Dinitrate Tablets 10 mg
 2121 - Multiple Electrolyte P Injection
 1149 - Quinine Tablets 100mg
 3070 - Ibuprofen Suspension 100 mg/5 ml
 1120 - Norfloxacin Kid Tablets 100mg
 3081 - Metronidazole Suspension 100 mg/5 ml
 1130 - Phenytoin sodium 100 mgTablets
 2088 - Ketamine HCL Inj50mg,(Deep IM/slow IV use)
 3239 - Calcium & Vitamin D3 Suspension 100 ml bottle
 6081 - Surg.Rubber Gloves 8 Inch
 1205 - Olanzapine Tablets 5mg
 2017 - Benzathine Penicillin Inj.1200000 i.u.
 4317 - Surgical Hernia Mesh 15x15 CM
 2003 - Amikacin SulphateInjection (For IM/IV Use) 500 mg
 2048 - Diazepam Injection (For IM/IV Use)
 3090 - Petroleum Jelly (White)
 4074 - Non-Absorbable Black Braided Silk surgical suture with Needle
 2129 - Pentazocine Lactate Inj. (For SC/IM/slow IV use)
 1256 - Aciclovir Tab.400mg.
 2274 - Artesunate 60mg
 4188 - I.V. Cannula With Injection Valve Size:18 G
 1257 - Atorvastatin Tab. 40mg.
 2164 - Thiopentone Sodium Injection 0.5 gm. (IV use)
 1213 - Paracetamol Kid Tablets 125mg (Disp).
 1090 - Glipizide Tablets 5mg
 3216 - ZINC GLUCONATE SYRUP 20mg/ml
 4147 - Ab.Sur.Sut.(Polyglact) 2-0 3/8cirCut26mm
 1136 - Primaquine Phosphate Tablets 7.5mg
 1280 - Amoxicillin and Cloxacillin Capsule 250 mg+250 mgip.
 1089 - Glibenclamide Tablets 5mg
 4090 - Non-Ab.BB.Silk sur sut.on Reel 1 (25mtr)

6001 - E.C.G. Roll (50 mm x 20 Meter)
 1322 - Tab. Lamotrigine 25 mg
 1119 - Norethisterone Tablets 5mg
 1059 - Dexamethasone Tablets 0.5 mg
 1214 - Aceclofenac Tablets 100 mg
 1171 - Vitamin A Capsules 50000 i.u.
 2144 - Ringer Lactate Inj.(Compound Sodium Lactate Inj.)
 1065 - Diloxanide Furoate Tablets 500mg
 3073 - Isoflurane
 1083 - Fluoxetine Capsules 20 mg
 4227 - Foleys Catheter 8 FR (3 to 5CC) Balloon
 4310 - Ryles Tube(ETO Sterilized),Size-16.
 1200 - Diclofenac sodium suppositories 12.5mg
 1062 - Dicyclomine Tablets 20mg
 1222 - Acetyl Salicylic Acid Tablets 150mg.
 2299 - Inj.Collistimethate Sodium 1 Million IU
 6155 - Plastic Bags (Yellow) Large
 1148 - Quinine Sulphate Tablets 300mg
 1015 - Amoxycillin And Potassium Clavulanate Tab 625mg
 4182 - Disposable Needle Size: 26x0.5
 2042 - Dextrose Injection 25% (For I.V.Infusion)
 4207 - Non-Ab.Monofila P.P sur.Suture 1, 1/2 Cir.RB 40mm
 4116 - Non-ab.Monofi.Polyamid 1-0 Straightcut60
 1081 - Ferrous Sulphate Tablets 200mg
 1097 - Imipramine HCL Tablets 25mg
 1041 - Chlorpheniramine Maleate Tablets 4mg
 4315 - Suction cathater(ETO sterilized)size-14.
 1202 - EsCitalopram Oxalate Tablets 10mg
 4314 - Suction cathater(ETO sterilized)size-12.
 1196 - Amoxycillin & Clavulanic Acid DispTablets 228.5mg Strip
 2138 - Promethazine Hydrochloride Injection.
 2050 - Dicyclomine HCL Injection(Deep IM use)
 4047 - Ab.Sur.Sut.Chromic 3-0 with 1/2Cir.RB20m
 1093 - Haloperidol Tablets 5mg
 2301 - Octreotide Acetate Injection 100 mcg
 2005 - Aminophylline Injection (For IV Use) 2.5% w/v
 3246 - Artemether & Lumefantrine Syrup 15 ml Bottel
 2045 - Dextrose Injection 5% (For I.V.Infusion)
 2114 - Midazolam Injection (For IM/IV Use)

1141 - Propranolol Tablets 40 mg
 1323 - Tab. Lamotrigine 50 mg
 1249 - Tramadol Capsules 50mg
 3027 - Ciprofloxacin Ophthalmic Solution 3 mg/ml
 1271 - Fluconazole Tablet 150mg
 1026 - Bisacodyl Tablets 5mg
 2004 - Amikacin Sulphate Injection (For IM/IV Use) 100mg
 2258 - Bupivacaine Hydrochloride in Dextrose Injection 5mg + 80mg per ml 4 ml Amp
 1023 - Atenolol Tablets 50 mg
 1324 - Tab. Zolpidem 5 mg
 4309 - Ryles Tube(ETO Sterilized),Size-14.
 2090 - Lignocaine HCL & Adrenaline Bitartrate Injection
 4060 - Ab.Sur.Sut.Polygly.2-0 with1/2Cir.RB30mm
 2093 - Lignocaine Hydrochloride Injection 2% W/V
 4307 - Ryles Tube(ETO Sterilized),Size-10.
 4313 - Suction cathater(ETO sterilized)size-10.
 1110 - Methyldopa Tablets 250 mg
 3211 - Magnesium Sulphate Powder
 2146 - Sodium Chloride & Dextrose Inj (For I.V.Infusion)
 1353 - Tab.Fluconazole 400 mg
 4121 - Non-ab.Monofi.Polyamid 4-0 3/8circut16mm
 1135 - Primaquine Phosphate Tablets 2.5mg
 3304 - Media- Dehydrated powder -Sugar with pH indicator phenol red-Maltose
 3305 - Media- Dehydrated powder -Sugar with pH indicator phenol red-Mannitol
 1207 - Sertraline Tablets 25mg
 4308 - Ryles Tube(ETO Sterilized),Size-12.
 3309 - Media -Dehydrated powder -Urea agar base (Christensen) + Urea 40%(5ml per vial)
 4076 - Non-abs.BB.Silk sut.3-0 with1/2CirRB25mm
 1112 - Metoclopramide Tablets 10mg
 2041 - Dextran 40Inj(With Sod.Chloride)(For IV Infusion)
 3302 - Media- Dehydrated powder -Sugar with pH indicator phenol red “ Dextrose
 3303 - Media- Dehydrated powder -Sugar with pH indicator phenol red-Lactose
 3306 - Media- Dehydrated powder -Sugar with pH indicator phenol red- Sucrose
 1182 - Salbutamol Rotacaps 200mcg
 2026 - Ceftazidime for Injection 250mg (for deepIM/Slow IV infusion)
 2032 - Phenaramine Maleate Injection (For IM/IV Use).
 3310 - Media -Dehydrated powder -Xylose lysine deoxycholate agar
 2250 - Cisplastin Injection 10 mg
 1008 - Alprazolam Tablets 0.25mg

1005 - Acyclovir Tablets 200mg
 4312 - Suction cathater(ETO sterilized)size-8.
 4316 - Suction cathater(ETO sterilized)size-16.
 4194 - Scalp Vein Set Size:22
 2015 - Atropine Sulphate Injection 0.6mg/ml
 1040 - Chloroquine Phosphate Tablet 500mg , Strip
 1270 - Carvedilol Tablet 12.5 mg
 4275 - Disposable Spinal Needle (Size: 22G)
 1101 - Isosorbide-Mononitrate Tablets 10mg
 4290 - SYNTHETIC ABSORBABLE BRAIDED TRICLOSAN COATED POLYGLACTIN
 910 SIZE:0,LENGTH:90 CMS 1/2 CIRCLE HEAVY RB 40MM NEEDLE
 4093 - Non-abs.Monofila P.P.sut2-0 1/2cirRB25mm
 4284 - BB Silk 1 3/8 Cir Rev Cutt. 45 mm Needle 76 cms
 2010 - Ampicillin Sodium Injection 500mg(IM/slow IV use)
 4073 - Non-abs.BB.Silk sut.1-0 with1/2CirRB30mm
 1154 - Salbutamol Tablets 4mg
 4230 - Foleys Catheter for Adult use : 14FR (30 to 50CC)
 1068 - Domperidone Tablets 10 mg
 1226 - Glimepiride Tablets 1mg.
 4232 - Foleys Catheter for Adult use: 18FR (2 Way)

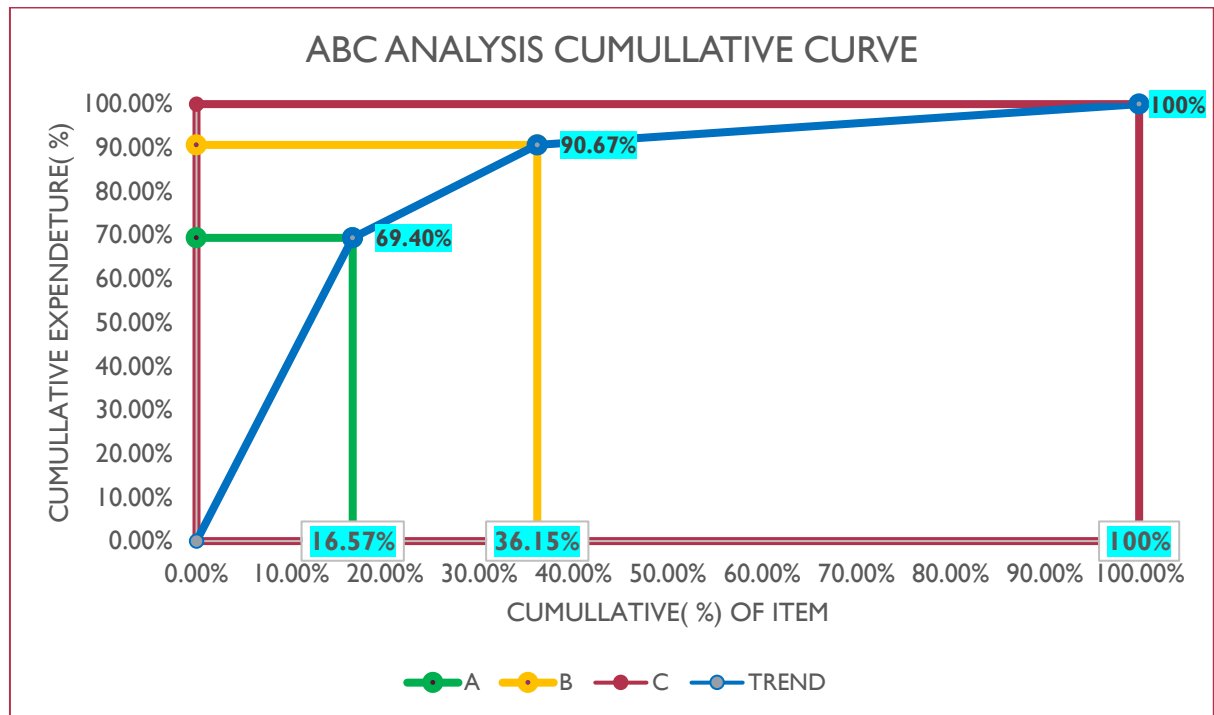
FIGURE-5



From ABC Analysis

- 55 Number of item found to be A Class which constitute a value of worth ₹36,964,812 of total inventory
- 65 number of item found to be B category which constitute a value of worth ₹11,164,466 of total inventory value
- 212 number of item are found to be C class item which constitute a value of worth ₹4,946,36 of the total inventor value

Figure-6



- from the above Graph, it was found that
- 16.57% of item constitute 69.40% of the inventory (A)
- 19.58%of item constitutes 21.27% of inventory (B)
- and 63.85% of item constitute 9.33% of item (C)

VED ANALYSIS FINDING AND RESULT

Here the name of drug for item code are same as per item code taken for ABC Analysis

Figure-7

ITEM CODE	TYPE OF ITEM	CATEGORY	VALUE OF ITEM	%VALUE OF ITEM	CUMULLATIVE % VALUE OF ITEM	CUMULLATIVE VALUE OF ITEM
1090	Tablet	VITAL	48623.4	0.09%	0.09%	48623.4
1090	Tablet	VITAL	14429.55	0.03%	0.12%	63052.95
1100	Tablet	VITAL	20249.1	0.04%	0.16%	83302.05
2012	Tablet	VITAL	146160	0.28%	0.43%	229462.05
2097	Capsule	VITAL	2527998.33	4.76%	5.20%	2757460.38
2125	Capsule	VITAL	250087.5	0.47%	5.67%	3007547.88
2142	Tablet	VITAL	2089800	3.94%	9.60%	5097347.88
3086	Tablet	VITAL	869620.3	1.64%	11.24%	5966968.18
4027	Tablet	VITAL	620352	1.17%	12.41%	6587320.18
4028	Tablet	VITAL	342229.14	0.64%	13.06%	6929549.32
4035	Tablet	VITAL	215340	0.41%	13.46%	7144889.32
4036	Tablet	VITAL	40890.03	0.08%	13.54%	7185779.35
4037	Tablet	VITAL	266112	0.50%	14.04%	7451891.35
4044	Tablet	VITAL	90744	0.17%	14.21%	7542635.35
4047	Tablet	VITAL	7320	0.01%	14.22%	7549955.35
4055	Tablet	VITAL	97920	0.18%	14.41%	7647875.35
4060	Tablet	VITAL	4770	0.01%	14.42%	7652645.35
4073	Tablet	VITAL	697.5	0.00%	14.42%	7653342.85
4074	Tablet	VITAL	16042.5	0.03%	14.45%	7669385.35
4076	Tablet	VITAL	3720	0.01%	14.46%	7673105.35
4090	Tablet	VITAL	13500	0.03%	14.48%	7686605.35
4093	Tablet	VITAL	1650	0.00%	14.49%	7688255.35
4116	Tablet	VITAL	8975	0.02%	14.50%	7697230.35
4117	Tablet	VITAL	25650	0.05%	14.55%	7722880.35
4137	Capsule	VITAL	4379	0.01%	14.56%	7727259.35
4140	Tablet	VITAL	35255.88	0.07%	14.63%	7762515.23
4143	Capsule	VITAL	30300	0.06%	14.68%	7792815.23
4146	Tablet	VITAL	31080	0.06%	14.74%	7823895.23

4147	Tablet	VITAL	25756	0.05%	14.79%	7849651.23
4153	Tablet	VITAL	14280	0.03%	14.82%	7863931.23
4155	Tablet	VITAL	29160	0.05%	14.87%	7893091.23
4179	Tablet	VITAL	23240	0.04%	14.92%	7916331.23
4227	Tablet	VITAL	9030	0.02%	14.93%	7925361.23
4284	Tablet	VITAL	23712	0.04%	14.98%	7949073.23
4288	Tablet	VITAL	1064.28	0.00%	14.98%	7950137.51
4289	Tablet	VITAL	87161	0.16%	15.14%	8037298.51
4290	Tablet	VITAL	241254	0.45%	15.60%	8278552.51
4292	Tablet	VITAL	461125	0.87%	16.47%	8739677.51
4295	Tablet	VITAL	397404	0.75%	17.22%	9137081.51
4303	Tablet	VITAL	228988	0.43%	17.65%	9366069.51
4304	Tablet	VITAL	71208	0.13%	17.78%	9437277.51
6001	Tablet	VITAL	16750	0.03%	17.81%	9454027.51
1005	Tablet	ESSENTIAL	3096	0.01%	17.82%	9457123.51
1006	Tablet	ESSENTIAL	773738.8	1.46%	19.28%	10230862.31
1008	Tablet	ESSENTIAL	3116.07	0.01%	19.28%	10233978.38
1015	Tablet	ESSENTIAL	9552.3	0.02%	19.30%	10243530.68
1016	Capsule	ESSENTIAL	1590814.9	3.00%	22.30%	11834345.58
1017	Tablet	ESSENTIAL	188229.3	0.35%	22.65%	12022574.88
1018	Tablet	ESSENTIAL	517447.53	0.97%	23.63%	12540022.41
1023	Tablet	ESSENTIAL	5126.56	0.01%	23.64%	12545148.97
1026	Tablet	ESSENTIAL	5688.35	0.01%	23.65%	12550837.32
1031	Tablet	ESSENTIAL	227301.46	0.43%	24.08%	12778138.78
1034	Tablet	ESSENTIAL	206084.5	0.39%	24.46%	12984223.28
1039	Tablet	ESSENTIAL	393710.5	0.74%	25.21%	13377933.78
1040	Tablet	ESSENTIAL	2403	0.00%	25.21%	13380336.78
1041	Tablet	ESSENTIAL	8055.25	0.02%	25.23%	13388392.03
1044	Tablet	ESSENTIAL	190724.4	0.36%	25.58%	13579116.43
1051	Tablet	ESSENTIAL	43989.3	0.08%	25.67%	13623105.73
1059	Tablet	ESSENTIAL	12693.8	0.02%	25.69%	13635799.53
1061	Tablet	ESSENTIAL	272484.54	0.51%	26.20%	13908284.07
1062	Capsule	ESSENTIAL	10263.2	0.02%	26.22%	13918547.27
1065	Capsule	ESSENTIAL	11771	0.02%	26.25%	13930318.27
1068	Tablet	ESSENTIAL	232.99	0.00%	26.25%	13930551.26
1071	Tablet	ESSENTIAL	65394.92	0.12%	26.37%	13995946.18
1081	Rota cap	ESSENTIAL	8223.6	0.02%	26.39%	14004169.78
1083	Tablet	ESSENTIAL	11545.83	0.02%	26.41%	14015715.61
1084	Tablet	ESSENTIAL	118662.4	0.22%	26.63%	14134378.01
1086	Tablet	ESSENTIAL	102450.6	0.19%	26.82%	14236828.61
1087	Tablet	ESSENTIAL	40311.2	0.08%	26.90%	14277139.81
1089	Suppositories	ESSENTIAL	13727.01	0.03%	26.93%	14290866.82

1093	Tablet	ESSENTIAL	7265.7	0.01%	26.94%	14298132.52
1096	Tablet	ESSENTIAL	226670	0.43%	27.37%	14524802.52
1097	Tablet	ESSENTIAL	8169	0.02%	27.38%	14532971.52
1101	Tablet	ESSENTIAL	2216.1	0.00%	27.39%	14535187.62
1110	Tablet	ESSENTIAL	4450.3	0.01%	27.39%	14539637.92
1112	Tablet	ESSENTIAL	3632.2	0.01%	27.40%	14543270.12
1113	Tablet	ESSENTIAL	660640.01	1.24%	28.65%	15203910.13
1114	Tablet	ESSENTIAL	416757.89	0.79%	29.43%	15620668.02
1119	Tablet	ESSENTIAL	12945.94	0.02%	29.46%	15633613.96
1120	Tablet	ESSENTIAL	19607.4	0.04%	29.49%	15653221.36
1121	Tablet	ESSENTIAL	157399.1	0.30%	29.79%	15810620.46
1124	Tablet	ESSENTIAL	58072	0.11%	29.90%	15868692.46
1128	Capsule	ESSENTIAL	71249.49	0.13%	30.03%	15939941.95
1130	Capsule	ESSENTIAL	18876	0.04%	30.07%	15958817.95
1131	Tablet	ESSENTIAL	139965	0.26%	30.33%	16098782.95
1135	Tablet	ESSENTIAL	4256	0.01%	30.34%	16103038.95
1136	Tablet	ESSENTIAL	13880.5	0.03%	30.37%	16116919.45
1141	Tablet	ESSENTIAL	6450	0.01%	30.38%	16123369.45
1147	Tablet	ESSENTIAL	68157.16	0.13%	30.51%	16191526.61
1148	Suppositories	ESSENTIAL	9806	0.02%	30.52%	16201332.61
1149	Tablet	ESSENTIAL	20160	0.04%	30.56%	16221492.61
1154	Tablet	ESSENTIAL	467.92	0.00%	30.56%	16221960.53
1155	Tablet	ESSENTIAL	207503	0.39%	30.95%	16429463.53
1168	Tablet	ESSENTIAL	886408.8	1.67%	32.62%	17315872.33
1171	Tablet	ESSENTIAL	12474	0.02%	32.65%	17328346.33
1173	Capsule	ESSENTIAL	726145.31	1.37%	34.02%	18054491.64
1178	Capsule	ESSENTIAL	25347	0.05%	34.06%	18079838.64
1182	Tablet	ESSENTIAL	3525.9	0.01%	34.07%	18083364.54
1196	Tablet	ESSENTIAL	7881	0.01%	34.09%	18091245.54
1198	Tablet	ESSENTIAL	114960.5	0.22%	34.30%	18206206.04
1199	Tablet	ESSENTIAL	627541	1.18%	35.48%	18833747.04
1202	Tablet	ESSENTIAL	7935	0.01%	35.50%	18841682.04
1205	Tablet	ESSENTIAL	16942.38	0.03%	35.53%	18858624.42
1207	Tablet	ESSENTIAL	3970.8	0.01%	35.54%	18862595.22
1208	Tablet	ESSENTIAL	32260.89	0.06%	35.60%	18894856.11
1214	Tablet	ESSENTIAL	12530.79	0.02%	35.62%	18907386.9
1222	Tablet	ESSENTIAL	10048.8	0.02%	35.64%	18917435.7
1226	Injection	ESSENTIAL	34.2	0.00%	35.64%	18917469.9
1227	Injection	ESSENTIAL	22050	0.04%	35.68%	18939519.9
1237	Injection	ESSENTIAL	32680	0.06%	35.75%	18972199.9
1247	Injection	ESSENTIAL	165600	0.31%	36.06%	19137799.9
1249	Injection	ESSENTIAL	5948.73	0.01%	36.07%	19143748.63

1250	Injection	ESSENTIAL	23320	0.04%	36.11%	19167068.63
1253	Injection	ESSENTIAL	160000	0.30%	36.41%	19327068.63
1254	Injection	ESSENTIAL	577660	1.09%	37.50%	19904728.63
1256	Injection	ESSENTIAL	15759.6	0.03%	37.53%	19920488.23
1257	Injection	ESSENTIAL	14798.7	0.03%	37.56%	19935286.93
1270	Injection	ESSENTIAL	2323.62	0.00%	37.56%	19937610.55
1271	Injection	ESSENTIAL	5777	0.01%	37.58%	19943387.55
1272	Injection	ESSENTIAL	65848.28	0.12%	37.70%	20009235.83
1276	Injection	ESSENTIAL	69560.11	0.13%	37.83%	20078795.94
1280	Injection	ESSENTIAL	13764.55	0.03%	37.86%	20092560.49
1283	Injection	ESSENTIAL	25315.2	0.05%	37.90%	20117875.69
1288	Injection	ESSENTIAL	411445	0.78%	38.68%	20529320.69
1313	Injection	ESSENTIAL	44888	0.08%	38.76%	20574208.69
1319	Injection	ESSENTIAL	347328	0.65%	39.42%	20921536.69
1320	Injection	ESSENTIAL	46226	0.09%	39.51%	20967762.69
1322	Injection	ESSENTIAL	13084	0.02%	39.53%	20980846.69
1323	Injection	ESSENTIAL	5980	0.01%	39.54%	20986826.69
1324	Injection	ESSENTIAL	5068.8	0.01%	39.55%	20991895.49
1325	Injection	ESSENTIAL	74614.13	0.14%	39.69%	21066509.62
1353	Injection	ESSENTIAL	4389	0.01%	39.70%	21070898.62
2003	Injection	ESSENTIAL	16554	0.03%	39.73%	21087452.62
2004	Injection	ESSENTIAL	5565.45	0.01%	39.74%	21093018.07
2005	Injection	ESSENTIAL	7056	0.01%	39.75%	21100074.07
2014	Injection	ESSENTIAL	38160	0.07%	39.83%	21138234.07
2015	Injection	ESSENTIAL	2557.8	0.00%	39.83%	21140791.87
2017	Injection	ESSENTIAL	16885.8	0.03%	39.86%	21157677.67
2023	Injection	ESSENTIAL	27409.15	0.05%	39.91%	21185086.82
2024	Injection	ESSENTIAL	1199520	2.26%	42.17%	22384606.82
2025	Injection	ESSENTIAL	26791.2	0.05%	42.23%	22411398.02
2026	Injection	ESSENTIAL	3509.5	0.01%	42.23%	22414907.52
2028	Injection	ESSENTIAL	1684541.43	3.17%	45.41%	24099448.95
2032	Injection	ESSENTIAL	3420	0.01%	45.41%	24102868.95
2034	Injection	ESSENTIAL	38869.6	0.07%	45.49%	24141738.55
2039	Injection	ESSENTIAL	49535.85	0.09%	45.58%	24191274.4
2044	Injection	ESSENTIAL	131046.11	0.25%	45.83%	24322320.51
2045	Injection	ESSENTIAL	6811.5	0.01%	45.84%	24329132.01
2046	Injection	ESSENTIAL	62177.5	0.12%	45.96%	24391309.51
2047	Injection	ESSENTIAL	94525	0.18%	46.13%	24485834.51
2048	Injection	ESSENTIAL	16472.1	0.03%	46.16%	24502306.61
2049	Injection	ESSENTIAL	154759.5	0.29%	46.46%	24657066.11
2050	Injection	ESSENTIAL	7474.71	0.01%	46.47%	24664540.82
2066	Injection	ESSENTIAL	68944.11	0.13%	46.60%	24733484.93

2088	Injection	ESSENTIAL	18603.95	0.04%	46.64%	24752088.88
2090	Injection	ESSENTIAL	4854.6	0.01%	46.64%	24756943.48
2093	Injection	ESSENTIAL	4698.4	0.01%	46.65%	24761641.88
2113	Injection	ESSENTIAL	334713.6	0.63%	47.28%	25096355.48
2114	Injection	ESSENTIAL	6710	0.01%	47.30%	25103065.48
2124	Injection	ESSENTIAL	43941	0.08%	47.38%	25147006.48
2129	Injection	ESSENTIAL	16038	0.03%	47.41%	25163044.48
2135	Injection	ESSENTIAL	24146.78	0.05%	47.46%	25187191.26
2138	Injection	ESSENTIAL	7548	0.01%	47.47%	25194739.26
2143	Injection	ESSENTIAL	206145	0.39%	47.86%	25400884.26
2144	Injection	ESSENTIAL	12375.2	0.02%	47.88%	25413259.46
2146	Injection	ESSENTIAL	4393	0.01%	47.89%	25417652.46
2151	Injection	ESSENTIAL	160037.5	0.30%	48.19%	25577689.96
2164	Injection	ESSENTIAL	14758.5	0.03%	48.22%	25592448.46
2187	Injection	ESSENTIAL	40076.25	0.08%	48.29%	25632524.71
2195	Injection	ESSENTIAL	20882	0.04%	48.33%	25653406.71
2197	Injection	ESSENTIAL	75177.44	0.14%	48.48%	25728584.15
2198	Injection	ESSENTIAL	162533.98	0.31%	48.78%	25891118.13
2203	Injection	ESSENTIAL	21185.4	0.04%	48.82%	25912303.53
2214	Injection	ESSENTIAL	84207.2	0.16%	48.98%	25996510.73
2215	Injection	ESSENTIAL	57834	0.11%	49.09%	26054344.73
2219	Injection	ESSENTIAL	396078	0.75%	49.84%	26450422.73
2229	Injection	ESSENTIAL	259220.4	0.49%	50.32%	26709643.13
2244	Injection	ESSENTIAL	26702	0.05%	50.37%	26736345.13
2248	Injection	ESSENTIAL	32270	0.06%	50.43%	26768615.13
2258	Suspension	ESSENTIAL	5362.5	0.01%	50.44%	26773977.63
2260	Suspension	ESSENTIAL	85164.3	0.16%	50.61%	26859141.93
2262	Cream	ESSENTIAL	238070	0.45%	51.05%	27097211.93
2274	Powder	ESSENTIAL	15590.9	0.03%	51.08%	27112802.83
2278	solution	ESSENTIAL	28824.25	0.05%	51.14%	27141627.08
2280	Sachet	ESSENTIAL	1082340	2.04%	53.18%	28223967.08
2299	Eye Drop	ESSENTIAL	10020	0.02%	53.20%	28233987.08
2302	Ointment	ESSENTIAL	118340	0.22%	53.42%	28352327.08
3002	solution	ESSENTIAL	143384.8	0.27%	53.69%	28495711.88
3027	Ointment	ESSENTIAL	5854.42	0.01%	53.70%	28501566.3
3030	Cream	ESSENTIAL	489728.4	0.92%	54.62%	28991294.7
3058	Lotion	ESSENTIAL	69118.6	0.13%	54.75%	29060413.3
3060	Eye Drop	ESSENTIAL	136320.8	0.26%	55.01%	29196734.1
3073	solution	ESSENTIAL	11657.24	0.02%	55.03%	29208391.34
3081	Syrup	ESSENTIAL	19182.27	0.04%	55.07%	29227573.61
3088	Injection	ESSENTIAL	350004.24	0.66%	55.73%	29577577.85
3105	solution	ESSENTIAL	163420.95	0.31%	56.04%	29740998.8

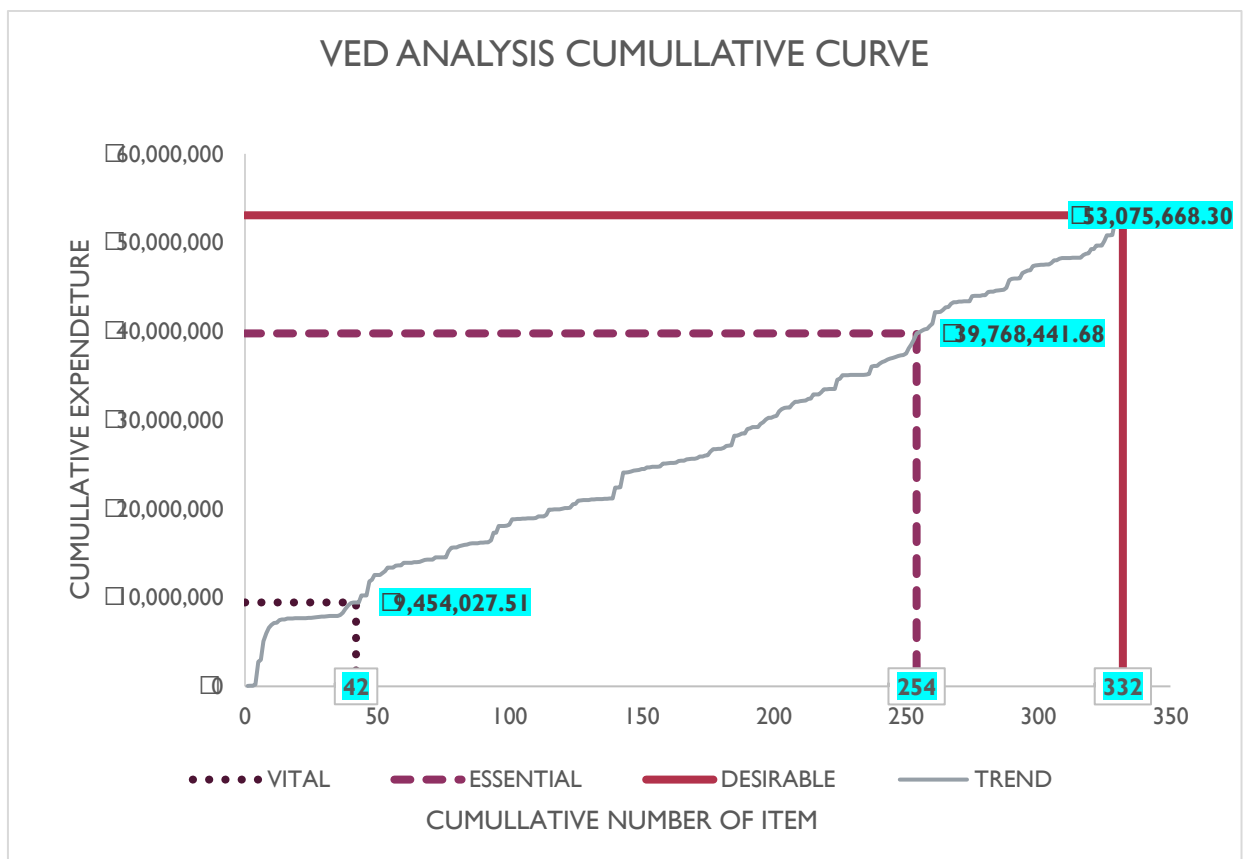
3106	Suspension	ESSENTIAL	328419	0.62%	56.65%	30069417.8
3117	Sachet	ESSENTIAL	172437.06	0.32%	56.98%	30241854.86
3134	Syrup	ESSENTIAL	34576.57	0.07%	57.04%	30276431.43
3138	Jelly	ESSENTIAL	128232	0.24%	57.29%	30404663.43
3139	Ointment	ESSENTIAL	73499	0.14%	57.42%	30478162.43
3140	solution	ESSENTIAL	485805.6	0.92%	58.34%	30963968.03
3200	Syrup	ESSENTIAL	264406.58	0.50%	58.84%	31228374.61
3218	Injection	ESSENTIAL	142836.48	0.27%	59.11%	31371211.09
3241	Suspension	ESSENTIAL	43680	0.08%	59.19%	31414891.09
3246	Miscellaneous	ESSENTIAL	6866.88	0.01%	59.20%	31421757.97
4002	Miscellaneous	ESSENTIAL	354582.8	0.67%	59.87%	31776340.77
4005	Miscellaneous	ESSENTIAL	279986.38	0.53%	60.40%	32056327.15
4013	Ointment	ESSENTIAL	22750.5	0.04%	60.44%	32079077.65
4015	Ointment	ESSENTIAL	51460.5	0.10%	60.54%	32130538.15
4020	Miscellaneous	ESSENTIAL	43316.5	0.08%	60.62%	32173854.65
4021	Ointment	ESSENTIAL	34577.28	0.07%	60.68%	32208431.93
4024	Miscellaneous	ESSENTIAL	187123.52	0.35%	61.04%	32395555.45
4142	Syrup	ESSENTIAL	32925.52	0.06%	61.10%	32428480.97
4182	solution	ESSENTIAL	447819.07	0.84%	61.94%	32876300.04
4188	Miscellaneous	ESSENTIAL	9460.5	0.02%	61.96%	32885760.54
4189	Powder	ESSENTIAL	14924.7	0.03%	61.99%	32900685.24
4190	Jelly	ESSENTIAL	244534.4	0.46%	62.45%	33145219.64
4194	solution	ESSENTIAL	328081.35	0.62%	63.07%	33473300.99
4228	Miscellaneous	ESSENTIAL	11162.25	0.02%	63.09%	33484463.24
4230	Miscellaneous	ESSENTIAL	30565.5	0.06%	63.15%	33515028.74
4232	solution	ESSENTIAL	369.43	0.00%	63.15%	33515398.17
4278	Suspension	ESSENTIAL	2276	0.00%	63.15%	33517674.17
4283	Miscellaneous	ESSENTIAL	1021162.5	1.92%	65.07%	34538836.67
4305	Inhaler	ESSENTIAL	113730	0.21%	65.29%	34652566.67
4307	Powder	ESSENTIAL	406180.5	0.77%	66.05%	35058747.17
4308	Syrup	ESSENTIAL	4606.56	0.01%	66.06%	35063353.73
4310	Miscellaneous	ESSENTIAL	5060	0.01%	66.07%	35068413.73
4312	Miscellaneous	ESSENTIAL	10408.25	0.02%	66.09%	35078821.98
4313	Miscellaneous	ESSENTIAL	3074	0.01%	66.10%	35081895.98
4314	Miscellaneous	ESSENTIAL	4455	0.01%	66.11%	35086350.98
4315	Miscellaneous	ESSENTIAL	7896	0.01%	66.12%	35094246.98
4316	Miscellaneous	ESSENTIAL	7986.6	0.02%	66.14%	35102233.58
4317	Miscellaneous	ESSENTIAL	2888.35	0.01%	66.14%	35105121.93
6078	Surgical Material	ESSENTIAL	13305.7	0.03%	66.17%	35118427.63
6081	Surgical Material	ESSENTIAL	88780.8	0.17%	66.33%	35207208.43
6137	Surgical Material	ESSENTIAL	841589.12	1.59%	67.92%	36048797.55
6155	Surgical Material	ESSENTIAL	40363.4	0.08%	68.00%	36089160.95

6155	Surgical Material	ESSENTIAL	10000	0.02%	68.01%	36099160.95
6158	Surgical Material	ESSENTIAL	257500	0.49%	68.50%	36356660.95
6159	Surgical Material	ESSENTIAL	192500	0.36%	68.86%	36549160.95
6160	Surgical Material	ESSENTIAL	82500	0.16%	69.02%	36631660.95
6161	Surgical Material	ESSENTIAL	182500	0.34%	69.36%	36814160.95
6162	Surgical Material	ESSENTIAL	109500	0.21%	69.57%	36923660.95
6163	Surgical Material	ESSENTIAL	72500	0.14%	69.70%	36996160.95
6164	Sutures	ESSENTIAL	105000	0.20%	69.90%	37101160.95
6165	Sutures	ESSENTIAL	112500	0.21%	70.11%	37213660.95
6166	Sutures	ESSENTIAL	85000	0.16%	70.27%	37298660.95
6167	Sutures	ESSENTIAL	45000	0.08%	70.36%	37343660.95
6170	Sutures	ESSENTIAL	182500	0.34%	70.70%	37526160.95
6171	Sutures	ESSENTIAL	547985.78	1.03%	71.74%	38074146.73
6172	Sutures	ESSENTIAL	447959.4	0.84%	72.58%	38522106.13
6173	Sutures	ESSENTIAL	546262.51	1.03%	73.61%	39068368.64
6175	Sutures	ESSENTIAL	700073.04	1.32%	74.93%	39768441.68
1021	Sutures	DESIRABLE	112318.8	0.21%	75.14%	39880760.48
1029	Sutures	DESIRABLE	196375.98	0.37%	75.51%	40077136.46
1038	Sutures	DESIRABLE	144744.75	0.27%	75.78%	40221881.21
1125	Sutures	DESIRABLE	76356	0.14%	75.93%	40298237.21
1127	Sutures	DESIRABLE	325385.96	0.61%	76.54%	40623623.17
1172	Sutures	DESIRABLE	228928	0.43%	76.97%	40852551.17
1185	Sutures	DESIRABLE	1314390	2.48%	79.45%	42166941.17
1200	Sutures	DESIRABLE	10333.4	0.02%	79.47%	42177274.57
1213	Sutures	DESIRABLE	14625	0.03%	79.49%	42191899.57
1240	Sutures	DESIRABLE	207126	0.39%	79.88%	42399025.57
1251	Sutures	DESIRABLE	292831.47	0.55%	80.44%	42691857.04
1260	Sutures	DESIRABLE	37885.77	0.07%	80.51%	42729742.81
1267	Sutures	DESIRABLE	383187	0.72%	81.23%	43112929.81
1287	Sutures	DESIRABLE	182717.08	0.34%	81.57%	43295646.89
2010	Sutures	DESIRABLE	788.32	0.00%	81.57%	43296435.21
2027	Sutures	DESIRABLE	48944.7	0.09%	81.67%	43345379.91
2029	Surgical Material	DESIRABLE	25158.4	0.05%	81.71%	43370538.31
2041	Surgical Material	DESIRABLE	3582	0.01%	81.72%	43374120.31
2042	Surgical Material	DESIRABLE	9124.15	0.02%	81.74%	43383244.46
2121	Surgical Material	DESIRABLE	20217.6	0.04%	81.78%	43403462.06
2147	Surgical Material	DESIRABLE	561363.17	1.06%	82.83%	43964825.23
2228	Surgical Material	DESIRABLE	24738	0.05%	82.88%	43989563.23
2250	Surgical Material	DESIRABLE	3280	0.01%	82.89%	43992843.23
2263	Sutures	DESIRABLE	25206.8	0.05%	82.93%	44018050.03
2276	Surgical Material	DESIRABLE	40400	0.08%	83.01%	44058450.03
2301	Surgical Material	DESIRABLE	7215.86	0.01%	83.02%	44065665.89

2305	Surgical Material	DESIRABLE	367494	0.69%	83.72%	44433159.89
3003	Surgical Material	DESIRABLE	29559.6	0.06%	83.77%	44462719.49
3015	Surgical Material	DESIRABLE	24273.6	0.05%	83.82%	44486993.09
3018	Surgical Material	DESIRABLE	98800	0.19%	84.00%	44585793.09
3023	Surgical Material	DESIRABLE	22606	0.04%	84.05%	44608399.09
3026	Surgical Material	DESIRABLE	43282.8	0.08%	84.13%	44651681.89
3029	Sutures	DESIRABLE	29680.02	0.06%	84.18%	44681361.91
3036	Sutures	DESIRABLE	211091.73	0.40%	84.58%	44892453.64
3054	Sutures	DESIRABLE	883425.76	1.66%	86.25%	45775879.4
3057	Sutures	DESIRABLE	146395.02	0.28%	86.52%	45922274.42
3070	Sutures	DESIRABLE	19755.27	0.04%	86.56%	45942029.69
3080	Sutures	DESIRABLE	22317	0.04%	86.60%	45964346.69
3090	Sutures	DESIRABLE	16200	0.03%	86.63%	45980546.69
3098	Sutures	DESIRABLE	573163.5	1.08%	87.71%	46553710.19
3100	Sutures	DESIRABLE	155191.55	0.29%	88.00%	46708901.74
3142	Sutures	DESIRABLE	160196.21	0.30%	88.31%	46869097.95
3143	Surgical Material	DESIRABLE	22950	0.04%	88.35%	46892047.95
3174	Disposable	DESIRABLE	480767.76	0.91%	89.26%	47372815.71
3175	Disposable	DESIRABLE	47879.37	0.09%	89.35%	47420695.08
3203	Disposable	DESIRABLE	48195	0.09%	89.44%	47468890.08
3209	Disposable	DESIRABLE	21995.05	0.04%	89.48%	47490885.13
3211	Disposable	DESIRABLE	4410	0.01%	89.49%	47495295.13
3214	Disposable	DESIRABLE	34315.4	0.06%	89.55%	47529610.53
3216	Disposable	DESIRABLE	14355.7	0.03%	89.58%	47543966.23
3223	Disposable	DESIRABLE	188741.42	0.36%	89.93%	47732707.65
3235	Disposable	DESIRABLE	262999.41	0.50%	90.43%	47995707.06
3239	Disposable	DESIRABLE	18148.4	0.03%	90.46%	48013855.46
3243	Instrument	DESIRABLE	164181	0.31%	90.77%	48178036.46
3245	Surgical Material	DESIRABLE	84678.75	0.16%	90.93%	48262715.21
3302	Surgical Material	DESIRABLE	3564	0.01%	90.94%	48266279.21
3303	Instrument	DESIRABLE	3564	0.01%	90.95%	48269843.21
3304	Instrument	DESIRABLE	4029.3	0.01%	90.95%	48273872.51
3305	Surgical Material	DESIRABLE	4029.3	0.01%	90.96%	48277901.81
3306	Surgical Material	DESIRABLE	3564	0.01%	90.97%	48281465.81
3309	Surgical Material	DESIRABLE	3760	0.01%	90.97%	48285225.81
3310	Surgical Material	DESIRABLE	3375.9	0.01%	90.98%	48288601.71
4004	Surgical Material	DESIRABLE	302805.68	0.57%	91.55%	48591407.39
4006	Surgical Material	DESIRABLE	141659.2	0.27%	91.82%	48733066.59
4009	Surgical Material	DESIRABLE	71579.6	0.13%	91.95%	48804646.19
4017	Surgical Material	DESIRABLE	447101.4	0.84%	92.80%	49251747.59
4198	Surgical Material	DESIRABLE	2874.05	0.01%	92.80%	49254621.64
4207	Surgical Material	DESIRABLE	402727.5	0.76%	93.56%	49657349.14

4275	Surgical Material	DESIRABLE	4.38	0.00%	93.56%	49657353.52
4291	Surgical Material	DESIRABLE	1956	0.00%	93.56%	49659309.52
4293	Surgical Material	DESIRABLE	513005	0.97%	94.53%	50172314.52
4294	Surgical Material	DESIRABLE	657675	1.24%	95.77%	50829989.52
4309	Surgical Material	DESIRABLE	3958.59	0.01%	95.78%	50833948.11
6136	Surgical Material	DESIRABLE	17860.2	0.03%	95.81%	50851808.31
6157	Surgical Material	DESIRABLE	1450037.4	2.73%	98.54%	52301845.71
6168	Surgical Material	DESIRABLE	123500	0.23%	98.77%	52425345.71
6169	Surgical Material	DESIRABLE	152500	0.29%	99.06%	52577845.71
6174	Surgical Material	DESIRABLE	497822.59	0.94%	100.00%	53075668.3

Figure-8

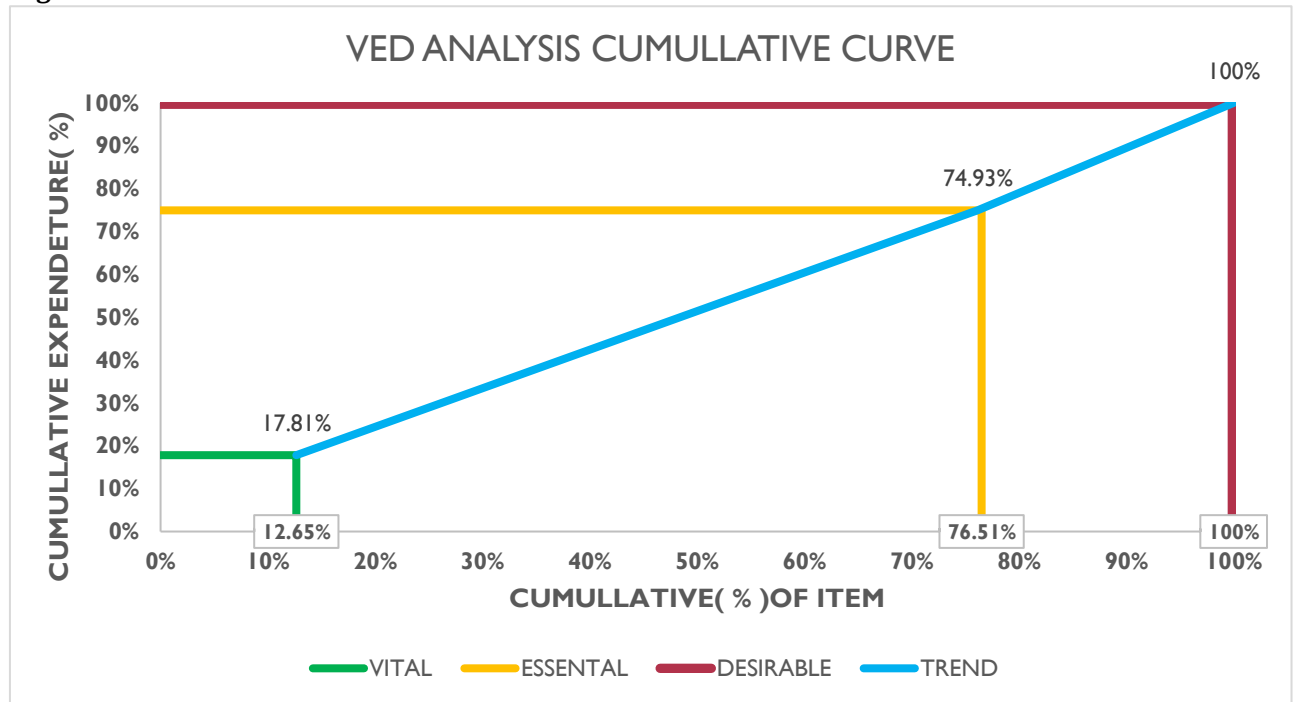


From VED analysis it was found that

- 42 Number of item are Vital which constitute value of worth ₹94,54,027 of the total expenditure

- 212 Number of item are Essential which constitute value of worth ₹30314414 of the total expenditure
- 78 Number of item are Desirable which constitute value of worth ₹13307227 of the total expenditure

Figure-9



- 12.65% of item is found to be vital which constitute 17.81% of the total expenditure of the inventory
- 63.68% of item is found to be Essential which constitute 57.12% of the total expenditure of the inventory
- 23.41% of item is found to be Desirable which constitute 25.07% of the total expenditure of the inventory

ABC -VED MATRIX ANALYSIS

This analysis is based upon the combination of ABC and VED analysis in which item are categorise as Category I, Category II And category III Respectively.

Category I Include vital and Expensive item (AV+BV+CV+AE+AD)

Category II include Essential and less expensive item (BE+CE+BD)

Category III include Desirable and cheaper item (CD)

Figure-10

CATEGORY	NUMBER OF ITEM	% OF ITEM	VALUE OF ITEM IN RUPEES	% VALUE OF ITEM
A	55	16.57%	36964812	69.40%
B	65	19.58%	11164466	21.27%
C	212	63.85%	4946390	9.33%
V	42	12.65%	9454027	17.81%
E	212	63.68%	30314414	57.12%
D	78	23.41%	13307227	25.07%
I	91	27.41%	17927397.7	33.78%
II	193	58.13%	28252615.3	53.23%
III	48	14.46%	6895655.31	12.99%

Figure-11

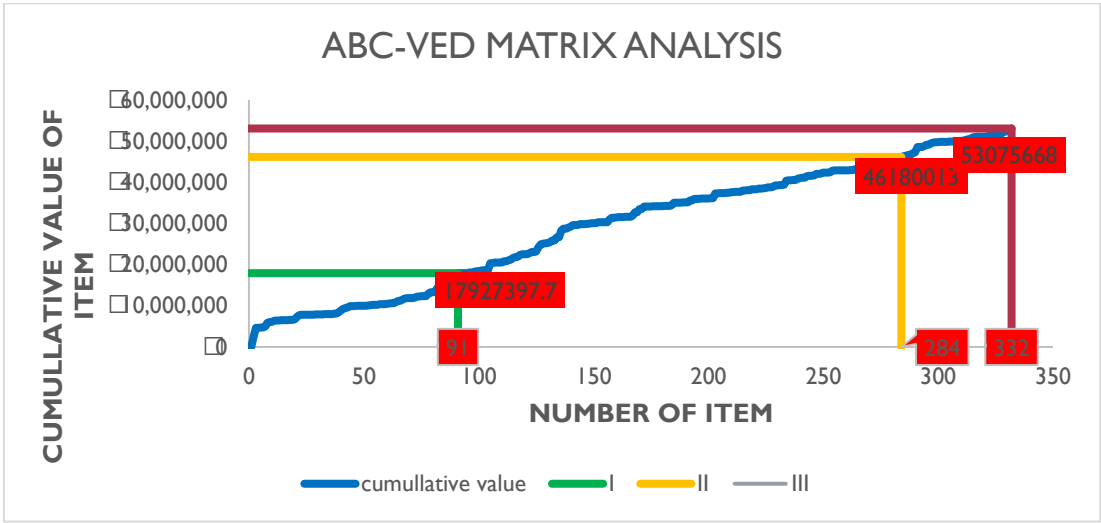
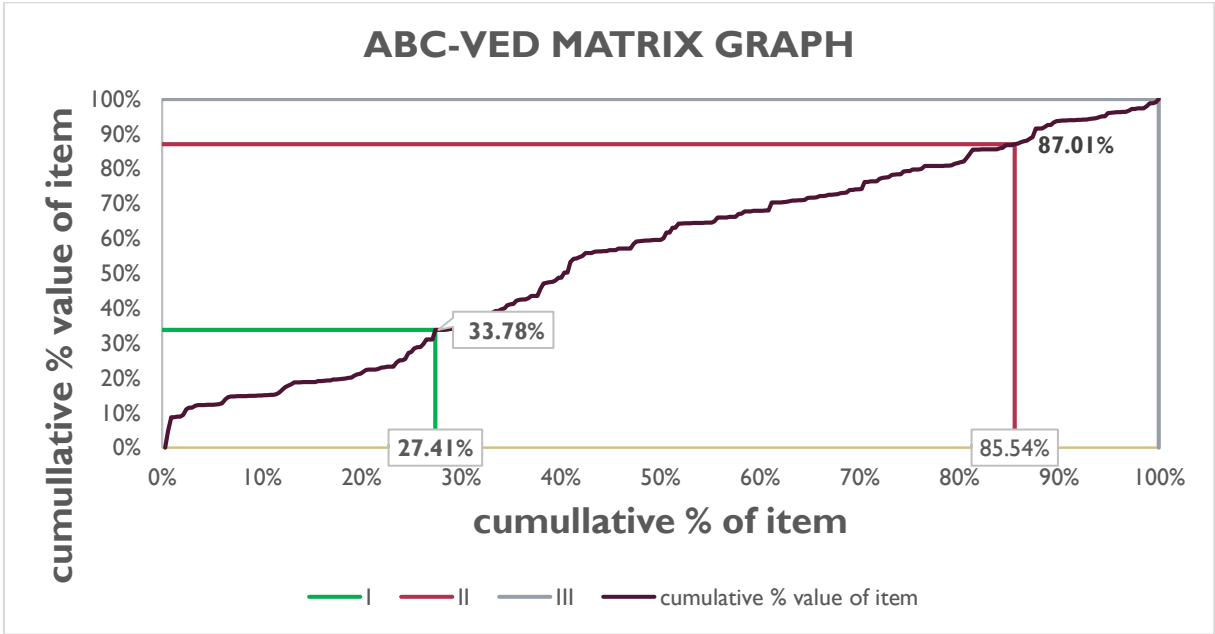


Figure-12



Category I item are (91)27.41% which constitute 33.78% (Rs.1792739.7) of total inventory value

Category II item are (193)58.13% which constitute 53.23% (Rs.4680013) of total inventory value

Category III item are (48)14.46% which constitute 12.99% (Rs.6895655.3) of total inventory value

The Above research was based on two different inventory control technique

CONCLUSION

The Above study showed that if only ABC analysis of inventory management technique will be preferred then A categories of drug required close monitoring and strict control by top management as it constitute 69.40% (□36964812) of total inventory value followed by B and C category of drug which constitute 21.27% and 9.33% of total inventory value

If only the VED analysis will be preferred then effective control over vital, Essential and Desirable item can be maintained which account respectively 17.81%,57.12% and 25.07% of total inventory value.

And if the combination of ABC-VED Matrix will be followed then all the drug can be effectively monitored as Category I, II and III

As category I is highly expensive and vital drug so these items required monitored by top management which account 33.78% of total inventory followed by category and Which account 53.23 %and 12.99% of total inventory value

The total value of item at Surat ware house was found to be Rs.53075668 so, there is a need for the effective inventory control management technique which will help for optimum utilisation of fund and avoid out of stock situation in the warehouse.

In ABC inventory management technique inventory was categorise according to price of the drug as high, medium, and low price

References

- Analysis of Inventory Control Techniques; A. (March 2013 Volume 3). *International Journal of Scientific and Research Publication*.
- M Devnani, A. G. (2013). ABC and VED Analysis of the Pharmacy Store of a Tertiary Care Teaching, Research and Referral Healthcare Institute of India. *Indian J Pharm Sci*. 2013.
- Maharaj, S. (May-June 2012). INVENTORY MANAGEMENT PRACTICES IN PHARMACIES ACROSS TRINIDAD AND TOBAGO. *International Journal of Universal Pharmacy and Life Science*.
- S, D. A. (2014). Inventory Management- A Case Study . *International Journal of Emerging research in technology*.