

Product Description & Specification – CSD

Process Category	Carbomixed & Cold Filled
Product ID	-
Product Name	CSD [Carbonated Soft Drinks]

SN	Criteria	Details
01	Process Name	The product is processed by Carbomixed operation and finally cold filled in an appropriate manner & then packed in PET Bottles or Aluminium Can.
02	Definition	Non fermented beverages containing treated water, sugar, added flavourings as well as some other permitted food ingredients and additives.
03	Product Name	CSD [Carbonated Soft Drinks]
04	Ingredients	Carbonated water, Sugar or Dextrose, acidity regulator [citric acid, phosphoric acid], artificial approved color, artificial approved flavourings.
05	Important Product Characteristics	Non fermented carbonated beverages, sweet, slightly or little more acidic in taste with permitted color.
06	Preservation Method	Carbomixed & Cold Filled. Can be stored in ambient condition.
07	Packaging – Primary	PET Bottles [In virgin food grade non returnable PET Bottles] or Aluminium Can
08	Packaging – Secondary	LDPE
09	Packaging – Tertiary	Corrugated carton [03 layer or 05 layer]
10	Where it will be sold	All over the country
11	How it is to be used	Can be consumed directly. No need any heating. Served chilled for best taste.
12	Storage Condition	Store in cool and dry condition and keep away from direct sunlight also store under covered area at ambient temperature.
13	Distribution Method	In covered van or covered by tarpaulin
14	Who will Consume	People of all ages [not applicable for infant or below 02 years]
15	Applicable Statutory Regulation	The product shall also comply in all other aspects with the requirements of the legislations enforced in the country
16	Microbiological Stability	Provided by good sanitation practices. Product pH is low which means acidic condition is slightly high.
17	Shelf Life	04 - 06 months in original unopened package, from the date of manufacture
18	Traceability	Through Batch No. and back up to Raw Material



19	Labelling Instruction	Name and address of manufacturer, Batch No., MFG, EXP, MRP.
20	Pack Size	250ml, 500ml, 1000ml or as per company standard
21	Product Specification	See on Table 01, Table 02, Table 03

Table 01 – Specification – CSD – Physical Properties

SN	Characteristics	Requirements	Remarks
01	Appearance	Yellowish white, greenish ting, turbid and opaque, slightly sweet in nature, normal flavor and odor. Free from foreign materials.	
02	Color	Yellowish white, greenish ting, turbid and opaque	
03	Flavor	Characteristic milk flavor	
04	Taste	Slightly sweet in nature	

Table 02 – Specification – CSD – Chemical or Other Testing Properties

SN	Characteristics	Requirements	Remarks
01	Total Soluble Solid, Max	10.5	As per country std.
02	Gas Volume, Max	4.5	As per country std.
03	pH, Max	4.0	As per country std.
04	Sugar Content, Max	11.0	As per country std.
05	Arsenic, mg/Kg, Max	0.1	As per country std.
06	Lead, mg/Kg, Max	0.5	As per country std.
07	Copper, mg/Kg, Max	1.5	As per country std.
08	Iron, mg/Kg, Max	0.5	As per country std.

Table 03 – Specification – CSD – Microbiological Properties

SN	Characteristics	Requirements	Remarks
01	Total plate count [cfu/ml], Max	50	As per country std.
02	Total Coliform count [cfu/ml], Max	Absent	As per country std.
03	Yeast and Mold Count [cfu/ml], Max	<10	As per country std.