Technical Data Sheet

Item Name:

ETHANOL

PRODUCT INFORMATION

Chinese Name:	乙醇
Commodity Name:	ETHANOL
Chemical Name:	Ethyl Alcohol
Other Name:	Distilled Spirits, Aethanol, CCRIS 945
CAS No.:	64-17-5
Molecular Weight:	46.07
Molecular Formula:	C_2H_6O
UN No.:	1170
DG Class:	3
Packing Group:	II

TECHNICAL SPECIFICATION

Index	Food Grade (GB 10343-2008, GB 31640-2016)
Appearance	Clear, colorless liquid
Odour	Inherent aroma of ethanol, no different smell
Taste	Pure, haut, free from extraneous odour
Assay by vol %	95 min / 99.5 min
Sulphate test color	10 max
Oxidation time by min	30 min
Aldehyde by mg/L	2 max
Methyl alcohol by mg/L	50 max
Propan-1-ol by mg/L	15 max
Isobutanol + isoamyl alcohol by mg/L	2 max
Acetic acid by mg/L	10 max
Ethyl acetate by mg/L	18 max
Nonvolatile matter by mg/L	15 max
Heavy metal as Pb by mg/L	1 max
Lead by mg/L	1 max

PACKING, LOADING AND SHELF LIFE

Packing: 160kg plastic drum on pallets, 800kg IBC drums
Loading: For 160kg drums: 12.8mt/20'flc, 25.6mt/40'HQ; For 800kg IBC, 14.4mt/20'flc, 27.2mt/40'HQ
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

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