

REFINED GLYCERINE

USP 99.5% MIN



General Information

Origin	Thailand
HS Code	29054500
Cas No.	56-81-5
Appearance	Clear, colorless liquid

Application

Food Industry	It is used in foods and beverages to serve as a solvent. It is also used as thickening agent in food products.
Pharmaceuticals Industry	It is used to improve smoothness and lubricity and maintain moisture. It is widely used in cough syrup and mouthwashes.
Intermediate Chemicals	It is used in the production of allyl iodide from phosphorus and iodine and other chemicals such as nitroglycerine.

Specification

Item	Method of Analysis	Specification
Appearance	Visual	Transparent
Glycerol content (%wt)	USP 41	99.5 min
Color (Hazen)	ASTM D 1209	10 max
Specific Gravity (25°C)	USP 41	1.2604 min
Fatty Acid & Esters (ml,0.5N NaOH)	USP 41	1.0 max
Water Content (%wt)	USP 41	0.5 max
Chloride (ppm)	USP 41	10 max
Sulphate (ppm)	USP 41	20 max
Residue on Ignition (%wt)	USP 41	0.01 max
Limit of chlorinated compounds, (mg/kg)	USP 41	30 max
Individual Impurity (%)		
- Diethylene Glycol	USP 41	0.1 max
- Ethylene Glycol	USP 41	0.1 max
- Total Impurity (%)	USP 41	1 max

Packaging

20 MT/FCL 20ft in 250 kgs HDPE Drums