



GLYCERIN

SPECIFICATION

Properties	Crude glycerin	Technical grade glycerin	99.7 USP grade glycerin
Glycerol content	40–88%	98.0% Max.	99.70%
Ash	2.0% Max.	N/A	N/A
Moisture content	N/A	2.0% Max.	0.3% Max.
Chlorides	N/A	10 ppm Max.	10 ppm Max.
Color	N/A	40 Max. (Pt—Co)	10 Max (APHA)
Specific gravity	N/A	1.262 (@ 25 °C)	1.2612 min.
Sulfate	N/A	N/A	20 ppm Max.
Assay	N/A	N/A	99–101% (dry)
Heavy metals	N/A	5 ppm Max.	5 ppm Max.
Chlorinated compounds	N/A	30 ppm Max.	30 ppm Max.
Residue on ignition	N/A	N/A	100 ppm Max.
Fatty acid & ester	N/A	1.00 Max.	1.0 Max.
Water	12.0% Max.	5.0% Max.	0.5% Max
pH (10% solution)	4.0–9.0	4.0–9.1	NA
DEG and related compounds	N/A	N/A	Pass
Organic volatile impurities	N/A	N/A	Pass
Organic residue	2.0% Max	2.0% Max	N/A

ppm—parts per million, N/A—Not applicable.

Shyam Oil and Chemical Company

Traders of Light Diesel Oil (LDO), Furnace Oil, MTO Oil, Bio Diesel Oil, Grease, Lubricant, and All Types of Petroleum Products