
Glycerol, Hi-AR™

GRM1027

Product Identifier

CAS No.	:	56-81-5
EC No.	:	200-289-5
Molecular Formula	:	C ₃ H ₈ O ₃
Molecular Weight	:	92.09
HS Code	:	2905 45 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to faint yellow syrupy, very hygroscopic clear viscous liquid
Solubility	:	1 mL miscible in 1 mL of water
FTIR (Liquid film)	:	Matches with the standard pattern
Refractive index (n _{20/D})	:	1.4700 - 1.4750
Density (at 25°C)	:	1.245 - 1.255 g/mL
Water (K.F.)	:	<= 2.0%
Heavy metals (as Pb)	:	<= 0.0005%
Sugars (Glucose)	:	<= 0.004%
Chloride (Cl)	:	<= 0.0025%
Iron (Fe)	:	<= 0.0004%
Sulfate (SO ₄)	:	<= 0.003%
Ester of volatile fatty acids (Glycerol	:	<= 0.025%
Arsenic (As)	:	<= 0.00004%
Copper (Cu)	:	<= 0.00005%
Sulphated ash	:	<= 0.01%
Fatty acids	:	Passes test
Reducing substances	:	No reaction
Assay (NaOH Titration/GC)	:	99.00 - 101.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	MA8050000
WGK	:	1