

Typical Product Specifications & Properties

Glycerin 99.5% USP

CAS Number: : 56-81-5

Specifications	Limits
Organic Volatile Impurities	Meets requirements
Glycerol Content	99.5 % Min.
Solubility	Meets the requirements
Residue on Ignition	0.01% Max.
Heavy Metals	5 ppm Max.
Identification	Meets the requirements
Insolubility	in ether, benzene, chloroform
Refractive Index	1.4730 (25 c)
Odor	odorless, sweet taste
Melting Point	17.8 c
Color	clear colorless syrupy liquid
Molecular weight	92.09

Specifications	Limits
Flash Point	(oc) 176 c
Boiling Point	290 c (dec.)
Density	1.26201 (2525 c)
Specific gravity (@25/25° C)	1.249 Min.
Color, Pt-Co	10 Max.
Chlorides	10 ppm Max.
Water Content	0.5 % Max.
Chromatographic Purity	Meets Requirements
Chlorinated Compounds	30 ppm Max.
Sulfates	20 ppm Max.
Fatty Acid& Esters MI 0.5N NaOH	1 ml of 0.5 N NaOH Max.
EINECS	200-289-5

Specifications	Limits
InChI	PEDCQBHIVMGVHV-UHFFFAOYSA-N
InChIKey	1S/C3H8O3/c4-1-3(6)2-5/h3-6H,1-2H2