Glycerol

Certificate of Analysis

EINECS.: 200-289-5
CAS: 56-81-5

Date: 03.2020
Nr. 05/2020

Chemical name:	Glycerol
Product type:	Ready for use
Code:	290545000
Packing:	bulk, 1000Lit IBC containers 1260Kg net or drums 220-250Kg net
IUPAC name:	Propane-1,2,3-triol
Other names:	glycerin, glycerine, propane-1,2,3-triol, 1,2,3-propanetriol, 1,2,3-trihydroxypropane, glyceritol, glycyl alcohol
CAS number:	56-81-5
Molecular formula:	C3H5(OH)3
Molar mass:	92.09382 g/mol
Melting point:	18 °C (64.4°F)
Boiling point:	290 °C (554°F)
Viscosity:	1.5 Pa·s

Property	Method	Unit	Limits	Results
Glycerine content	Ph. Eur. 9.0	%	98-100	99.8
Sulphated ash content	Ph. Eur. 9.0	%	Max. 0.01	< 0,01
Water content	Ph. Eur. 2.5.12	ppm	max.2000	0,030
Acidity	Ph. Eur..8.0	ml 0,1 m	Max.0.20	0.06
Esther content	Ph. Eur.8.0	ml 0,1 m	min. 8	8.05
Aldehydes	Ph. Eur.8.0	ppm	max. 10	< 10
Refractive index	Ph. Eur. 9.0	-	1.470-1.475	1.4741
Colour	APHA	Hazen	< 10	1
Halogenated compound	Ph.Eur.8.0	ppm	< 35	< 35
Chlorides	Ph. Eur. 9.0	ppm	< 10	< 10
Heavy metals	Ph.Eur.2.4.8	ppm	< 5	< 5
Density at 20°C	Ph.Eur.2.2.5	kg/m3	1.260-1.263	1.262
Sugar	Ph.Eur.8.0	-	negative	negative

MASTERCHEM MASTERCHEM

tel. +372 5098500
tel. +372 6237782
fax. +372 6237781

Reg. nr. 10755076 KMKR nr. EE100688636
Asukoht: Lao 4, 74114 Maardu.
info@masterchem.ee

SEB a/a 10220017483011
Swedbank a/a 221016933377
Nordea Pank a/a 17003342583