

# Technical Data Sheet



## Oliglic 99,7 Food Grade

Article-No.: 31024006

-This product is in compliance with EU Directive 231/2012 for the EU food additives E 422 'Glycerol' laying down specific purity criteria on food additives other than colours and sweeteners.  
-The product has a relative density of min 1,257 g/ml at 25°C.

Revision Date: 01-2015

CAS-No.	: 56-81-5
EINECS-No.	: 200-289-5
HS-No.	: 29.05.45.00
Category	: Glycerine
Description	: Refined Glycerine 99,7 % non GMO veg. Kosher EP/USP - Food Grade E422

PARAMETER	METHOD	UNIT	SPECIFIED RANGE
Appearance	Ph. Eur. 2008:0496	~	Free from visible foreign matter
Colour	ISO 2211	APHA	≤10
Water Content	Ph. Eur. 7.2/ 2.5.12	%	≤0.5
Aldehydes	Ph. Eur. 7.2/0496	ppm	≤10
Alkalinity or Acidity	Ph. Eur. 7.2 / 0496	ml of 0,1 NaOH l per 50ml of 50% w/v	≤0.2
Chloride	according to DIN EN 14538	ppm	≤10
Ester	Ph. Eur. 7.2/ 0496	ml of 0,1 N HCL per 50ml of 50% w/v	>8
Fatty Acids and Esters	USP 33/541	ml.	≤1
Glycerine Content	Ph. Eur. 7.2/ 0496	%	>99.7
Halogenated Compounds	Eur. Ph. 2008:0496	ppm	≤35
Heavy Metals	Ph. Eur. 2.4.8	ppm	≤5
Indentification A, C, D	EP 6.8 2. 2.6/0496	~	Passes EP limit test
Impurity A Similar Compounds	Ph. Eur. 2.2.28	%	Passes EP limit test
Organic Volatile Impurities	USP 33/467	~	Passes EP limit test
Refractive Index n 20D	Ph. Eur. 7.2/ 2.2.6	~	1.471-1.474
Relative Density at 20°C	EN ISO 12185	g/ml	>1.263
Residue on Ignition.	USP 33/281	mg	≤5

PARAMETER	METHOD	UNIT	SPECIFIED RANGE
Specific Gravity 25/25°C	EN ISO 12185	~	>1.249
Sugars	Ph. Eur. 7.2/ 0496	~	negative
Sulfate (USP)	according to DIN EN 14538	ppm	≤20
Sulphated Ash	Ph. Eur. 2.4.14	%	≤0.01