



Specification

Concerning Product:	
Article number	56815LPEUL
Trade name / designation / denomination	Glycerin pharma 99,5 %
CAS number	56-81-5
Other names / synonyms	•Glycerine; •glycerol; •propane-1,2,3-triol;
EC number	200-289-5
Customs tariff number / CN code / TARIC	29054500
Molecular weight [g / mol]	92.09382
Formula	C ₃ H ₈ O ₃

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance	Ph. EUR 2.2.1	Transparent	
Colour	ASTM D – 1209 – 00	Co Scale Unit ≤ 10	Pt
Odour		odourless	
Physical parameter			
Acidity/Alkalinity	Ph. EUR 8/0496	Ester : 0.1N HCl ≥ 0,8	ml
Acidity/Alkalinity	Ph. EUR 8/0496	ml 0.1N NaOH ≤ 0,5	ml
Refraction index	ASTM D – 1747 – 99	1.4645 – 1.4745	
Density	ASTM D – 7637 – 10	25°C 1.2530 – 1.2630	Kg/L
Loss on drying	EN ISO 8534 – 2008	≤ 0,3	%
Identity			
Assay		Glycerin ≤ 99,6	%
Impurities			
Aldehydes	Ph. EUR 8/0496	≤ 10	ppm
Halogenated compounds	Ph. EUR 8/0496	≤ 30	ppm
Heavy Metals (as Pb)	Ph. EUR 2.4.8	≤ 5	ppm
Sulphated ash	Ph. EUR 2.4.14	≤ 0,01	%
Sulphates (SO ₄)	Ph. EUR 2.4.13	≤ 20	ppm
Elemental Impurities			
Chlorides (Cl)	Ph. EUR 2004 2.4.4	≤ 10	ppm
Nutritional data			
Sugar	Ph. EUR 8/0496	negativ	

Supplemental information:

Shelf life: 1 year under specific storage conditions*

Storage conditions: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep under Nitrogen Blanket if storing >1 month. If the product has not been used within 1 years, we recommend to test the product for key specifications. No specific data has been collected for the shelf life of opened containers of glycerin.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 06. Oct. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.