

PHARMACEUTICAL GLYCERIN 99.5%**CERTIFICATE OF ANALYSIS**

No:19/230222E003/03/2023

PRODUCT NAME : PHARMACEUTICAL GLYCERIN 99.5%**BATCH NUMBER:** 230222E003**DATE OF MANUFACTURE:** 21.02.2023**DATE OF EXPIRY:** 22.02.2024**COUNTRY OF ORIGIN:** UE

Parameter	Unit	Result	Method
Appearance of an aqueous solution	[-]	Agreed Result	Ph. Eur. 10
Sulfate ash	[%]	0.003	Ph. Eur. 10
Glycerin content	[%]	99.83	Ph. Eur. 10
Color on the APHA/HAZEN scale	[-]	2	EN ISO 6271-2
Refractive index at 20°C	[-]	1.474	Ph. Eur. 10
Identification	[-]	Agreed Result	Ph. Eur. 10, A+B
Sugars	[-]	Agreed Result	Ph. Eur. 10
Impurities and related substances	[-]	0.05	Ph. Eur. 10
The content of other impurities with retention times lower than the retention time of glycerol	[% m/m]	0.1	Ph. Eur. 10
The content of impurities with retention times greater than the retention time of glycerol	[% m/m]	0.4	Ph. Eur. 10
Aldehydes	[ppm]	8	Ph. Eur. 10
Acidity and alkalinity	[ml 0.1 M NaOH]	0.2	Ph. Eur. 10
Halogen compounds	[ppm]	26.	Ph. Eur. 10
Esters	[ml 0.1 M HCl]	8.4	Ph. Eur. 10
Chlorides	[ppm]	8	Ph. Eur. 10
Water	[%]	0.1	Ph. Eur. 10
Heavy metals	[ppm]	4	Ph. Eur. 9
Diethylene glycol content	[% m/m]	0.06	Ph. Eur. 10
Gęstość	[g/cm ³]	1.262	Ph. Eur. 10

The certificate was made on the basis of the supplier's certificate. The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

The seller accepts complaints for consideration:

- quantitative/transport: within 2 days of delivery in the case of presenting the acceptance protocol with the participation of the carrier;
- qualitative: within 14 days from the date of sale.

In each case of reporting non-compliance, all delivered material in intact unit and collective packaging is to be made available to the Seller for verification.

Prepared by

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An electronic document does not require a seal or signature.