

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Glycerin 99.5%
<b>INCI Name</b>	Glycerin
<b>CAS#</b>	56-81-5
<b>Lot Number</b>	230720E001
<b>Manufacture Date</b>	06/2023
<b>Re-test Date</b>	06/2025

Parameter	Requirement / Method	Results
<b>Water content</b>	0,0 - 0,5 / ISO 760	0.2%
<b>Impurities visual</b>	Correspond / ZMA-0176	Correspond
<b>Sulfated ash</b>	0,00 - 0,01 / Ph. Eur. 7.	0.002%
<b>Glycerol content</b>	99,5 - 100% / Ph. Eur. 7.	99,88%
<b>Esters</b>	8,0 - 100% / Ph. Eur. 7.	12,5 ml 0.1M HC
<b>Colour APHA/HAZEN</b>	0 - 10 / ZMA-0032	7
<b>Refractive index</b>	1,470 - 1,475 / Ph. Eur. 7.	1,473
<b>Appearance</b>	Correspond / ZMA-0176	Correspond
<b>Odour</b>	Correspond / ZMA-0176	Correspond
<b>Identity test</b>	Correspond / Ph. Eur. 8.	Correspond
<b>Acid or basic react. subst.</b>	Correspond / Ph. Eur. 8.	Correspond
<b>Chlorides</b>	Correspond / Ph. Eur. 8.	Correspond
<b>Heavy metals</b>	Correspond / Ph. Eur. 8.	Correspond
<b>Impurity A and related subs.</b>	Correspond / Ph. Eur. 7.	Correspond

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

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