

oleon
a natural chemistry

Certificate of Analysis

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Loading date
02.12.2025
Ordernumber Oleon
85922549 900001 30662364 000010
Your reference / Date
BG-2.025/11.998 / 13.11.2025

Product Information
Description GLYCERINE 4810K

Quantity 2,000 TO
Batch VF6C000775
Production date: 13.11.2025
Expiration date: 13.11.2027

Sample 2/632244/00
Batch release date: 14.11.2025
Manufacturing site: Venette

Results of analysis	Unit	Results	Min.	Max.	Method
Refractive Index at 20°C		1,474	1,473	1,475	Eur.Ph.
Glycerol Content	%(m/m)	99,81	>= 99,70		APAG-GL-009
Assay	%(m/m)	99,8	99,0	101,0	USP-NF
Assay	%(m/m)	99,8	98,0	101,0	Eur.Ph.
Relative Density @ 20°C/20°C		1,264	1,258	1,268	Eur.Ph.
Colour (APHA)		2,5	<=	10,0	ISO 2211
Acidity	meq/100g	0,01	<=	0,08	ISO 1615
Acidity (EP) / ml 0,1 M NaOH		0,03	<=	0,20	Eur.Ph.
Alkalinity / ml 0,1 M HCl	ml	0,00	<=	0,00	Eur.Ph.
Acidity or Alkalinity		Conform	-	-	Eur.Ph.
Water	%(m/m)	0,19	<=	0,30	Eur.Ph./USP-NF
Specific gravity at 25°C	g/ml	1,2621	>= 1,2490		USP-NF
Odor		Conform	-	-	Oleon GLY07
Identification A (Refractive Index)		Conform	-	-	Eur. Ph.
Identification B (Infrared)		Conform	-	-	Eur. Ph.
Appearance of solution		Conform	-	-	Eur. Ph.
Aldehydes	ppm(m)	< 10	<=	10	Eur. Ph.
Esters / 0.1M HCl	ml	> 8,0	>= 8,0		Eur. Ph.
Imp. A and related substances		Conform	-	-	Eur. Ph.
- Impurity A (DEG)	%	< 0,1	<=	0,1	Eur. Ph.
- Any other imp. eluting before glycerin	%	< 0,1	<=	0,1	Eur. Ph.
- All impurities eluting after glycerin	%	< 0,5	<=	0,5	Eur. Ph.

m: monthly - / q: quarterly - / t: four-monthly - / h: half-yearly - / y: yearly - / b: biennial measured value

The data and information above are to our best knowledge true and accurate. They refer to specific values of the current lot provided by the methods and apparatus indicated and should be considered so. OLEON N.V. assumes no responsibility, expressed or implied, for the use of said data and information. No information contained in this document can be considered as a suggestion to infringe patents.

LOTE: VF6C000775



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Halogenated compounds	ppm(m)	< 30	<=	30	Eur. Ph.
Sugars		Conform	-	-	Eur. Ph.
Chlorides	ppm	< 10	<=	10	Eur. Ph.
Sulphated ash	%(m/m)	< 0,01	<=	0,01	Eur. Ph.
Residue on ignition	%(m/m)	< 0,01	<=	0,01	USP-NF
Chloride	%(m/m)	< 0,001	<=	0,001	USP-NF
Sulfate	%(m/m)	< 0,002	<=	0,002	USP-NF
Chlorinated compounds	%(m/m)	< 0,003	<=	0,003	USP-NF
Fatty acids & esters / 0.5 N NaOH	ml	< 1	<=	1	USP-NF
Limit DEG, EG & related compounds		Conform	-	-	USP-NF
- Any individual impurity (excl. DEG)	%	< 0,1	<=	0,1	USP-NF
- Total impurities (incl. DEG)	%	< 1,0	<=	1,0	USP-NF
- Diethylene glycol	%	< 0,025	<=	0,025	USP-NF
- Ethylene glycol	%	< 0,025	<=	0,025	USP-NF
Identification B		Conform	-	-	USP-NF
Identification C		Conform	-	-	USP-NF
Residual solvents: methanol	ppm	< 100	<=	100	Eur. Ph. / USP-NF

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If you have any questions relating to this certificate of Analysis please revert to your Oleon contact person
This document is system generated and does not require a signature.

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