

LOTE: VE6C250202

Page 1 of 2

oleon
a natural chemistry

Oleon NV c/o Oleon SAS
Rue Les Rives de l'Oise
F-60280 Venette
FRANCE

Certificate of Analysis

Loading date
21/02/2025

Ordernumber Oleon
85891862 900001 30644916 000020

Your reference / Date
BG-2.025/11.617 /

Product Information
Description GLYCERINE 4810K

Quantity 2,000 TO
Batch VE6C250202 Sample 2/630576/00 / Production date 03/02/2025 / Expiration date 03/02/2027

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)	99,82	>= 99,70		APAG-GL-009
Assay	%(m/m)	99,8		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	0,02	<=	0,08	ISO 1615
Acidity / ml 0,1 M NaOH	ml	0,05	<=	0,20	Eur.Ph.
Alkalinity / ml 0,1 M HCl	ml	0,00	<=	0,00	Eur.Ph.
Acidity or Alkalinity (EP)		Conform	-	-	Eur.Ph.
Odour		Conform	-	-	Oleon GLY07
Water	%(m/m)	0,18	<=	0,30	Eur.Ph./USP-NF
Specific gravity at 25°C	g/ml	1,2621	>= 1,2490		USP-NF
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 / 0,1 M HCl	ml	> 8,0	>= 8,0		Eur.Ph.
Imp. A and related substances (EP)		Conform	-	-	Eur.Ph.
-impurity A (DEG)	%	< 0,1	<=	0,1	Eur.Ph.
-any other impurity eluting before glyc	%	< 0,1	<=	0,1	Eur.Ph.
-total impurities eluting after glyc	%	< 0,5	<=	0,5	Eur.Ph.
Halogenated compounds	ppm(m)	< 30	<=	30	Eur.Ph.
Sugars		Conform	-	-	Eur.Ph.
Chlorides	ppm	< 10	<=	10	Eur.Ph.
Sulphated ash	%	< 0,01	<=	0,01	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.