

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**HE0234_22472907/1**

Product n-Hexane, 96%, Multisolvant® HPLC grade ACS UV-VIS

Batch 22472907

HE0234

Quality release date 03/02/2022

Expiry date 02/2027

Analysis	Batch value	Specifications
Assay (G.C.)	98,10 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6599 g/mL	0,659 - 0,662
Appearance	Clear	clear
Colour (Hazen)	3	≤ 10
Acidity	0,00004 meq/g	≤ 0,0002
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Barium (Ba)	< 0,01 ppm	≤ 0,01
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,01 ppm	≤ 0,01
Calcium (Ca)	< 0,3 ppm	≤ 0,3
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,01 ppm	≤ 0,01
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,01 ppm	≤ 0,01
Aromatic Hydrocarbons (as C ₆ H ₆)	0,00019 %	≤ 0,01
Sulfur compounds (as S)	< 0,005 %	≤ 0,005
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0024 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	34,05 %	≥ 10
min. transmission at 210 nm	66,33 %	≥ 40
min. transmission at 217 nm	84,40 %	≥ 70
min. transmission at 225 nm	92,23 %	≥ 80
min. transmission at 245 nm	98,00 %	≥ 98
max. absorbance at 200 nm	0,468 AU	≤ 1,000
max. absorbance at 210 nm	0,178 AU	≤ 0,398
max. absorbance at 217 nm	0,074 AU	≤ 0,155
max. absorbance at 225 nm	0,035 AU	≤ 0,097
max. absorbance at 245 nm	0,009 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martinez Casals
Laboratory Technician



Scharlab S.L.

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

HE0234_22472907/1

For laboratory use only.

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martinez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to be "Marta", written over a horizontal line.