

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**HE0234_24397407/1**

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

Batch 24397407

HE0234

Quality release date 22/12/2023

Expiry date 12/2028

Analysis	Batch value	Specifications
Assay (G.C.)	98 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6600 g/mL	0,659 - 0,662
Appearance	clear	clear
Colour (Hazen)	3	≤ 10
Acidity	0,00001 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)	0,00007 %	≤ 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.)	0,0037 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	54,55 %	≥ 10
min. transmission at 210 nm	83,90 %	≥ 40
min. transmission at 217 nm	94,30 %	≥ 70
min. transmission at 225 nm	97,56 %	≥ 80
min. transmission at 245 nm	99,54 %	≥ 98
max. absorbance at 200 nm	0,263 AU	≤ 1,000
max. absorbance at 210 nm	0,076 AU	≤ 0,398
max. absorbance at 217 nm	0,025 AU	≤ 0,155
max. absorbance at 225 nm	0,011 AU	≤ 0,097
max. absorbance at 245 nm	0,002 AU	≤ 0,009

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.comMarta Martinez Casals
Laboratory Technician



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Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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Marta Martinez Casals
Laboratory Technician

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