

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

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CERTIFICATE OF ANALYSIS**HE0234_22925507/1**

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

Batch 22925507

HE0234

Quality release date 28/06/2022

Expiry date 06/2027

Analysis	Batch value	Specifications
Assay (G.C.)	98,03 %	≥ 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	0,00003 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)	0,00015 %	≤ 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.)	0,0021 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	22,37 %	≥ 10
min. transmission at 210 nm	58,68 %	≥ 40
min. transmission at 217 nm	77,45 %	≥ 70
min. transmission at 225 nm	87,41 %	≥ 80
min. transmission at 245 nm	98,77 %	≥ 98
max. absorbance at 200 nm	0,650 AU	≤ 1,000
max. absorbance at 210 nm	0,232 AU	≤ 0,398
max. absorbance at 217 nm	0,111 AU	≤ 0,155
max. absorbance at 225 nm	0,058 AU	≤ 0,097
max. absorbance at 245 nm	0,005 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



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Marta Martinez Casals
Laboratory Technician

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