

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

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

Batch 20636407

HE0234

Quality release date 09/03/2020

Expiry date 03/2025

Analysis	Batch value	Specifications
Assay (G.C.)	98,42 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6600 g/mL	0,659 - 0,662
Appearance	clear	clear
Colour (Hazen)	4	≤ 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)	0,00026 %	≤ 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.)	0,0032 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	21,01 %	≥ 10
min. transmission at 210 nm	50,03 %	≥ 40
min. transmission at 217 nm	79,04 %	≥ 70
min. transmission at 225 nm	90,04 %	≥ 80
min. transmission at 245 nm	98,02 %	≥ 98
max. absorbance at 200 nm	0,678 AU	≤ 1,000
max. absorbance at 210 nm	0,301 AU	≤ 0,398
max. absorbance at 217 nm	0,102 AU	≤ 0,155
max. absorbance at 225 nm	0,046 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

Ricard Balladares Abella
Laboratory Technician



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Ricard Balladares Abella
Laboratory Technician

A handwritten signature in black ink, appearing to read "Ricard Balladares Abella".