

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**HE0234_25426007/1**

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

Batch 25426007

HE0234

Quality release date 07/01/2025

Expiry date 01/2030

Analysis	Batch value	Specifications
Assay (G.C.)	98,01 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6595 g/mL	0,659 - 0,662
Appearance	clear	clear
Colour (Hazen)	4	≤ 10
Acidity	0,00002 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.)	0,005 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	33,02 %	≥ 10
min. transmission at 210 nm	71,58 %	≥ 40
min. transmission at 217 nm	90,28 %	≥ 70
min. transmission at 225 nm	95,69 %	≥ 80
min. transmission at 245 nm	98,83 %	≥ 98
max. absorbance at 200 nm	0,481 AU	≤ 1,000
max. absorbance at 210 nm	0,145 AU	≤ 0,398
max. absorbance at 217 nm	0,044 AU	≤ 0,155
max. absorbance at 225 nm	0,019 AU	≤ 0,097
max. absorbance at 245 nm	0,005 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 Martínez 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 Martínez Casals
Laboratory Technician

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