

CERTIFICATE OF ANALYSIS

HE0234_26183007/1

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

Batch 26183007

HE0234

Quality release date 14/10/2025

Expiry date 10/2030

Analysis	Batch value	Specifications
Assay (G.C.)	97,43 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6594 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)	0,00019 %	≤ 0,01
Sulfur compounds (as S)	< 0,005 %	≤ 0,005
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0002 %	≤ 0,0002
Water (K.F.)	0,0023 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	22,38 %	≥ 10
min. transmission at 210 nm	61,99 %	≥ 40
min. transmission at 217 nm	83,80 %	≥ 70
min. transmission at 225 nm	92,22 %	≥ 80
min. transmission at 245 nm	98,28 %	≥ 98
max. absorbance at 200 nm	0,650 AU	≤ 1,000
max. absorbance at 210 nm	0,208 AU	≤ 0,398
max. absorbance at 217 nm	0,077 AU	≤ 0,155
max. absorbance at 225 nm	0,035 AU	≤ 0,097
max. absorbance at 245 nm	0,008 AU	≤ 0,009



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Microfiltered through membranes of pore diameter 0,22 µm.

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 Martínez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to be the name of the Laboratory Technician, Marta Martínez Casals.