

**Scharlab S.L.**

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

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

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

Batch 18509507

HE0234

Quality release date 24/11/2017

Expiry date 11/2022

Analysis	Batch value	Specifications
Assay (G.C.)	98,77 %	≥ 96
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,6596 g/mL	0,659 - 0,662
Appearance	clear	clear
Colour (Hazen)	4	≤ 10
Acidity	0,00004 meq/g	≤ 0,0002
Aluminium (Al)	< 0,00001 %	≤ 0,00001
Barium (Ba)	< 0,000001 %	≤ 0,000001
Boron (B)	< 0,000002 %	≤ 0,000002
Cadmium (Cd)	< 0,000001 %	≤ 0,000001
Calcium (Ca)	< 0,00003 %	≤ 0,00003
Chromium (Cr)	< 0,000002 %	≤ 0,000002
Cobalt (Co)	< 0,000002 %	≤ 0,000002
Copper (Cu)	< 0,000002 %	≤ 0,000002
Iron (Fe)	< 0,000002 %	≤ 0,000002
Lead (Pb)	< 0,00001 %	≤ 0,00001
Magnesium (Mg)	< 0,000001 %	≤ 0,000001
Manganese (Mn)	< 0,000001 %	≤ 0,000001
Nickel (Ni)	< 0,000002 %	≤ 0,000002
Tin (Sn)	< 0,00001 %	≤ 0,00001
Zinc (Zn)	< 0,000001 %	≤ 0,000001
Aromatic Hydrocarbons (as C ₆ H ₆)	0,00026 %	≤ 0,01
Sulphur 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.)	0,0036 %	≤ 0,005
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	48,36 %	≥ 10
min. transmission at 210 nm	70,08 %	≥ 40
min. transmission at 217 nm	89,14 %	≥ 70
min. transmission at 225 nm	96,48 %	≥ 80
min. transmission at 245 nm	98,45 %	≥ 98
max. absorbance at 200 nm	0,316 AU	≤ 1,000
max. absorbance at 210 nm	0,154 AU	≤ 0,398
max. absorbance at 217 nm	0,050 AU	≤ 0,155
max. absorbance at 225 nm	0,016 AU	≤ 0,097
max. absorbance at 245 nm	0,007 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

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

M. Canet
Laboratory Manager



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M. Canet
Laboratory Manager

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