

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Acetonitrile, Multisolvant® HPLC grade ACS UV-VIS, Reag. Ph Eur

Batch 19927706

AC0333

Quality release date 19/06/2019

Expiry date 06/2024

Analysis	Batch value	Specifications
Assay (G.C.)	99,98 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7821 g/mL	0,779 - 0,783
Colour (Hazen)	5	≤ 10
Appearance	Clear	clear
Acidity	0,00019 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0001
Cyanides (CN)	< 0,005 %	≤ 0,005
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)	< 0,00001 %	≤ 0,00001
Manganese (Mn)	< 0,000001 %	≤ 0,000001
Nickel (Ni)	< 0,000002 %	≤ 0,000002
Tin (Sn)	< 0,00001 %	≤ 0,00001
Zinc (Zn)	< 0,000001 %	≤ 0,000001
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0123 %	≤ 0,03
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 195 nm	84,88 %	≥ 70
min. transmission at 200 nm	93,89 %	≥ 90
min. transmission at 230 nm	99,00 %	≥ 98
max. absorbance at 195 nm	0,071 AU	≤ 0,155
max. absorbance at 200 nm	0,027 AU	≤ 0,046
max. absorbance at 230 nm	0,004 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

M. Canet
Laboratory Manager