

**Scharlab S.L.**

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

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Acetonitrile, gradient 240nm/ far UV HPLC grade

Batch 19870003

AC0329

Quality release date 28/05/2019

Expiry date 05/2024

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
Acidity	0,00019 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0001
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,0140 %	≤ 0,02
Gradient grade (240 nm)		
maximum background absorbance:	0,002 AU	≤ 0,01
maximum peak absorbance:	< 0,0015 AU	≤ 0,0015
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	96,93 %	≥ 90
min. transmission at 205 nm	97,76 %	≥ 92
min. transmission at 210 nm	97,77 %	≥ 95
min. transmission at 220 nm	98,74 %	≥ 98
max. absorbance at 200 nm	0,014 AU	≤ 0,046
max. absorbance at 205 nm	0,010 AU	≤ 0,036
max. absorbance at 210 nm	0,010 AU	≤ 0,022
max. absorbance at 220 nm	0,006 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