

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Tetrachloroethene, Multisolvant® HPLC grade UV-VIS

Batch 19733202

TE0127

Quality release date 12/04/2019

Expiry date 04/2022

Analysis	Batch value	Specifications
Assay (G.C.)	99,98 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	1,6221 g/mL	1,621 - 1,623
Appearance	clear	clear
Colour (Hazen)	10	≤ 10
Acidity	0,00001 meq/g	≤ 0,0005
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	0,0002 %	≤ 0,0003
Water (K.F.)	0,003 %	≤ 0,01
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 290 nm	34,83 %	≥ 10
min. transmission at 295 nm	70,28 %	≥ 50
min. transmission at 300 nm	84,29 %	≥ 80
min. transmission at 305 nm	88,29 %	≥ 85
min. transmission at 350 nm	91,95 %	≥ 89
max. absorbance at 290 nm	0,458 AU	≤ 1,000
max. absorbance at 295 nm	0,153 AU	≤ 0,301
max. absorbance at 300 nm	0,074 AU	≤ 0,097
max. absorbance at 305 nm	0,054 AU	≤ 0,071
max. absorbance at 350 nm	0,036 AU	≤ 0,051

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