

**Scharlab S.L.**

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

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**AC0310_25586509/1**

Product Acetone, Multisolvant® HPLC grade ACS ISO UV-VIS

Batch 25586509

AC0310

Quality release date 25/02/2025

Expiry date 02/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,98 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7904 g/mL	0,787 - 0,791
Appearance of solution	passes test	passes test
Colour (Hazen)	3	≤ 10
Solubility in water	passes test	passes test
Insoluble in water	passes test	passes test
Acidity	0,00010 meq/g	≤ 0,0002
Alkalinity	0,00002 meq/g	≤ 0,0002
Chlorides (Cl)	< 0,00001 %	≤ 0,00001
Nitrates (NO3)	< 0,00001 %	≤ 0,00001
Phosphates (as PO4)	< 0,00001 %	≤ 0,00001
Sulfates (SO4)	< 0,00001 %	≤ 0,00001
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Antimony (Sb)	< 0,02 ppm	≤ 0,02
Arsenic (As)	< 0,02 ppm	≤ 0,02
Barium (Ba)	< 0,01 ppm	≤ 0,01
Beryllium (Be)	< 0,02 ppm	≤ 0,02
Bismuth (Bi)	< 0,02 ppm	≤ 0,02
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)	< 0,01 ppm	≤ 0,01
Gallium (Ga)	< 0,02 ppm	≤ 0,02
Germanium (Ge)	< 0,02 ppm	≤ 0,02
Gold (Au)	< 0,02 ppm	≤ 0,02
Indium (In)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,01 ppm	≤ 0,01
Lithium (Li)	< 0,05 ppm	≤ 0,05
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Molybdenum (Mo)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	< 0,01 ppm	≤ 0,01
Silver (Ag)	< 0,02 ppm	≤ 0,02
Thallium (Tl)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Titanium (Ti)	< 0,02 ppm	≤ 0,02

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.comMarta Martínez Casals
Laboratory Technician

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Vanadium (V)	< 0,02 ppm	≤ 0,02
Zinc (Zn)	< 0,01 ppm	≤ 0,01
Zirconium (Zr)	< 0,02 ppm	≤ 0,02
Aldehydes (as HCHO)	< 0,002 %	≤ 0,002
Cyclohexane (G.C.)	< 0,005 %	≤ 0,1
Alcohol diacetone (G.C.)	< 0,005 %	≤ 0,02
Ethanol (G.C.)	< 0,005 %	≤ 0,01
Methanol (G.C.)	0,016 %	≤ 0,05
2-Propanol (G.C.)	< 0,005 %	≤ 0,05
Reducing substances	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0002
Water (K.F.)	0,19 %	≤ 0,2
Liquid chromatography suitability absorbance	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 330 nm	24,57 %	≥ 10
min. transmission at 335 nm	67,85 %	≥ 50
min. transmission at 339 nm	88,15 %	≥ 80
min. transmission at 342 nm	95,04 %	≥ 90
min. transmission at 350 nm	99,81 %	≥ 98
max. absorbance at 330 nm	0,610 AU	≤ 1,000
max. absorbance at 335 nm	0,169 AU	≤ 0,301
max. absorbance at 339 nm	0,055 AU	≤ 0,097
max. absorbance at 342 nm	0,022 AU	≤ 0,046
max. absorbance at 350 nm	0,001 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

For laboratory use only.

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Marta Martínez Casals
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