

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Acetone, ExpertQ®, ACS, ISO, Reag. Ph Eur

Batch 20039110

AC0314

Quality release date 30/07/2019

Expiry date 07/2024

Analysis	Batch value	Specifications
Assay (G.C.)	99,97 %	≥ 99,8
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7907 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	0,00015 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Chlorides (Cl)	< 0,00001 %	≤ 0,00001
Nitrates (NO ₃)	< 0,00001 %	≤ 0,00001
Phosphates (as PO ₄)	< 0,00001 %	≤ 0,00001
Sulfates (SO ₄)	< 0,00001 %	≤ 0,00001
Aluminium (Al)	< 0,00005 %	≤ 0,00005
Antimony (Sb)	< 0,000002 %	≤ 0,000002
Arsenic (As)	< 0,000002 %	≤ 0,000002
Barium (Ba)	< 0,00001 %	≤ 0,00001
Beryllium (Be)	< 0,000002 %	≤ 0,000002
Bismuth (Bi)	< 0,000002 %	≤ 0,000002
Boron (B)	< 0,000002 %	≤ 0,000002
Cadmium (Cd)	< 0,000005 %	≤ 0,000005
Calcium (Ca)	< 0,00005 %	≤ 0,00005
Chromium (Cr)	< 0,000002 %	≤ 0,000002
Cobalt (Co)	< 0,000002 %	≤ 0,000002
Copper (Cu)	< 0,000002 %	≤ 0,000002
Gallium (Ga)	< 0,000002 %	≤ 0,000002
Germanium (Ge)	< 0,000002 %	≤ 0,000002
Gold (Au)	< 0,000002 %	≤ 0,000002
Indium (In)	< 0,000002 %	≤ 0,000002
Iron (Fe)	< 0,00001 %	≤ 0,00001
Lead (Pb)	< 0,00001 %	≤ 0,00001
Lithium (Li)	< 0,000005 %	≤ 0,000005
Magnesium (Mg)	< 0,00001 %	≤ 0,00001
Manganese (Mn)	< 0,000002 %	≤ 0,000002
Molybdenum (Mo)	< 0,000002 %	≤ 0,000002
Nickel (Ni)	< 0,000002 %	≤ 0,000002
Silver (Ag)	< 0,000002 %	≤ 0,000002
Thallium (Tl)	< 0,000002 %	≤ 0,000002
Tin (Sn)	< 0,00001 %	≤ 0,00001
Titanium (Ti)	< 0,000002 %	≤ 0,000002
Vanadium (V)	< 0,000002 %	≤ 0,000002

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.comM. Canet
Laboratory Manager

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Zinc (Zn)	< 0,00001 %	≤ 0,00001
Zirconium (Zr)	< 0,000002 %	≤ 0,000002
Aldehydes (as HCHO)	< 0,001 %	≤ 0,001
Related Substances	passes test	passes test
Benzene (G.C.)	< 0,0001 %	≤ 0,0002
Cyclohexane (G.C.)	< 0,001 %	≤ 0,1
Alcohol diacetone (G.C.)	0,0006 %	≤ 0,02
Ethanol (G.C.)	0,0005 %	≤ 0,01
Methanol (G.C.)	0,0170 %	≤ 0,05
2-Propanol (G.C.)	0,0012 %	≤ 0,05
Substances reducing KMnO4	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0005
Water (K.F.)	0,20 %	≤ 0,2

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M. Canet
Laboratory Manager