

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**ME0457_25268403/1**

Product Ethyl methyl ketone, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Batch 25268403

ME0457

Quality release date 31/10/2024

Expiry date 10/2029

Analysis	Batch value	Specifications
Assay (G.C.)	99,95 %	≥ 99,5
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,8050 g/mL	0,804 - 0,806
Density (20°/20°)	0,8065 g/mL	0,805 - 0,807
Appearance	clear	clear
Colour (Hazen)	3	≤ 10
Boiling point	79 - 80 ° C	79 - 80
Acidity	0,00025 meq/g	≤ 0,0005
Alkalinity	< 0,0002 meq/g	≤ 0,0002
Aluminium (Al)	< 0,5 ppm	≤ 0,5
Barium (Ba)	< 0,1 ppm	≤ 0,1
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,05 ppm	≤ 0,05
Calcium (Ca)	< 0,5 ppm	≤ 0,5
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Potassium (K)	< 0,1 ppm	≤ 0,1
Strontium (Sr)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,1 ppm	≤ 0,1
Acetone (G.C.)	< 0,02 %	≤ 0,05
2-Butanol (G.C.)	< 0,02 %	≤ 0,05
Methanol (G.C.)	< 0,02 %	≤ 0,05
2-Methyl-2-propanol (G.C.)	< 0,02 %	≤ 0,1
Substances reducing KMnO4	passes test	passes test
Residue on evaporation	0,0004 %	≤ 0,0005
Water (K.F.)	0,0259 %	≤ 0,05

For laboratory use only

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

Marta Avilés Palou
Laboratory Technician