

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**ET0095_20934008/1**Product Petroleum ether, boiling range 40 - 60 °C, Multisolvant® HPLC grade
ACS ISO UV-VIS

Batch 20934008

Quality release date 19/06/2020

Expiry date 06/2025

ET0095

Analysis	Batch value	Specifications
Boiling range (40 - 60 °C)	97,9 % vol	≥ 90,0
Density (20°/4°)	0,6438 g/mL	0,640 - 0,655
Colour (Hazen)	3	≤ 10
Appearance	clear	clear
Acidity	0,00001 meq/g	≤ 0,0003
Iodine index	< 0,3	≤ 0,3
Peroxide index	< 0,3	≤ 0,3
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Barium (Ba)	< 0,01 ppm	≤ 0,01
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)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,01 ppm	≤ 0,01
Sulfur compounds (as S)	< 0,005 %	≤ 0,005
Aromatic Hydrocarbons (as C ₆ H ₆)	0,00015 %	≤ 0,005
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0002 %	≤ 0,0002
Water (K.F.)	0,0019 %	≤ 0,01
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 210 nm	50,34 %	≥ 10
min. transmission at 230 nm	90,05 %	≥ 90
min. transmission at 250 nm	98,72 %	≥ 98
max. absorbance at 210 nm	0,298 AU	≤ 1,000
max. absorbance at 230 nm	0,046 AU	≤ 0,046
max. absorbance at 250 nm	0,006 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm

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 Martinez Casals
Laboratory Technician