

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AG0006_24419004/1**

Product	Water, LC-MS	Batch	24419004
AG0006		Quality release date	09/01/2024
		Expiry date	01/2025

Analysis	Batch value	Specifications
Conductivity (25°C)	0,4 µS/cm	≤ 1
Chlorides (Cl)	< 0,000001 %	≤ 0,000001
Fluorides (F)	< 0,000001 %	≤ 0,000001
Nitrates (NO3)	< 0,00001 %	≤ 0,00001
Sulfates (SO4)	< 0,00001 %	≤ 0,00001
Aluminium (Al)	< 10 ppb	≤ 10
Barium (Ba)	< 5 ppb	≤ 5
Cadmium (Cd)	< 5 ppb	≤ 5
Calcium (Ca)	< 20 ppb	≤ 20
Chromium (Cr)	< 5 ppb	≤ 5
Cobalt (Co)	< 5 ppb	≤ 5
Copper (Cu)	< 5 ppb	≤ 5
Iron (Fe)	< 5 ppb	≤ 5
Lead (Pb)	< 5 ppb	≤ 5
Magnesium (Mg)	< 10 ppb	≤ 10
Manganese (Mn)	< 5 ppb	≤ 5
Nickel (Ni)	< 5 ppb	≤ 5
Potassium (K)	< 10 ppb	≤ 10
Silver (Ag)	< 5 ppb	≤ 5
Sodium (Na)	< 100 ppb	≤ 100
Tin (Sn)	< 5 ppb	≤ 5
Zinc (Zn)	< 5 ppb	≤ 5
Residue on evaporation	0,0001 %	≤ 0,0001
Suitability for use in LC-MS	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	99,88 %	≥ 95
min. transmission at 230 nm	99,88 %	≥ 99
max. absorbance at 200 nm	0,001 AU	≤ 0,022
max. absorbance at 230 nm	0,001 AU	≤ 0,004
Gradient grade (210 nm):		
maximum peak absorbance:	0,0013 AU	≤ 0,005
Gradient grade (254 nm):		
maximum peak absorbance:	< 0,0001 AU	≤ 0,001

Microfiltered through membranes of pore diameter 0,1 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