

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

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✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**AG0015_24629008/1**

Product	Water, UHPLC-MS	Batch	24629008
AG0015		Quality release date	13/03/2024
		Expiry date	12/2024

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 UHPLC-MS	passes test	passes test
UV Spectroscopy in a 1,0 cm cell:		
min. transmission at 200 nm	99,93 %	≥ 95
min. transmission at 230 nm	99,99 %	≥ 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:	0,0018 AU	≤ 0,005
Gradient grade (254 nm):		
maximum peak absorbance:	0,0001 AU	≤ 0,001
UHPLC-MS test ESI+	< 5 ppb Reserpin	≤ 5
UHPLC-MS test ESI-	< 20 ppb Digoxin	≤ 20

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



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Marta Martinez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to read "Marta", written over a horizontal line.