

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

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CERTIFICATE OF ANALYSIS**AC1620_26132536/1**

Product	Acetonitrile, for PFAS analysis, tested for EPA533 and EPA537.1 methods	Batch	26132536
		Quality release date	23/09/2025
AC1620		Expiry date	09/2030

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7823 g/mL	0,779 - 0,783
Acidity	0,00013 meq/g	≤ 0,0002
Aluminium (Al)	< 25 ppb	≤ 25
Barium (Ba)	< 5 ppb	≤ 5
Cadmium (Cd)	< 5 ppb	≤ 5
Calcium (Ca)	< 25 ppb	≤ 25
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)	< 50 ppb	≤ 50
Tin (Sn)	< 5 ppb	≤ 5
Zinc (Zn)	< 5 ppb	≤ 5
Residue on evaporation	0,0001 %	≤ 0,0001
Water (K.F.)	0,0100 %	≤ 0,01
Suitability for use in UHPLC-MS	passes test	passes test
UV spectroscopy in a 1,0 cm cell:		
min. transmission at 195 nm	85,41 %	≥ 80
min. transmission at 200 nm	96,12 %	≥ 95
min. transmission at 210 nm	97,67 %	≥ 97
min. transmission at 220 nm	98,79 %	≥ 98
min. transmission at 230 nm	99,43 %	≥ 99
max. absorbance at 195 nm	0,068 AU	≤ 0,097
max. absorbance at 200 nm	0,017 AU	≤ 0,022
max. absorbance at 210 nm	0,010 AU	≤ 0,013
max. absorbance at 220 nm	0,005 AU	≤ 0,009
max. absorbance at 230 nm	0,002 AU	≤ 0,004
Gradient grade (210 nm):		
maximum background absorbance:	0,0085 AU	≤ 0,012
maximum peak absorbance:	0,0010 AU	≤ 0,001
Gradient grade (254 nm):		
maximum peak absorbance:	< 0,0001 AU	≤ 0,0002

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 Martínez Casals
Laboratory Technician



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Analysis	Batch value	Specifications
UHPLC-MS test ESI+	< 5 ppb Reserpin	≤ 5
UHPLC-MS test ESI-	< 20 ppb Digoxin	≤ 20
Test EPA533/537.1 methods	passes test	passes test

Microfiltered through membranes of pore diameter 0,1 µm.

For laboratory use only.

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Marta Martinez Casals
Laboratory Technician