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CERTIFICATE OF ANALYSIS**AC3144_24980201/1**

Product	Trifluoroacetic acid, eluent additive for LC-MS	Batch	24980201
AC3144		Quality release date	10/07/2024
		Expiry date	07/2027
Analysis	Batch value	Specifications	
Assay (Acidimetric)	99,9 %	≥ 99,0	
Aluminium (Al)	< 0,01 ppm	≤ 0,05	
Barium (Ba)	< 0,01 ppm	≤ 0,05	
Cadmium (Cd)	< 0,01 ppm	≤ 0,05	
Calcium (Ca)	0,2 ppm	≤ 0,2	
Chromium (Cr)	< 0,01 ppm	≤ 0,05	
Cobalt (Co)	< 0,01 ppm	≤ 0,02	
Copper (Cu)	< 0,01 ppm	≤ 0,02	
Iron (Fe)	< 0,02 ppm	≤ 0,2	
Lead (Pb)	< 0,1 ppm	≤ 0,1	
Lithium (Li)	< 0,01 ppm	≤ 0,02	
Magnesium (Mg)	< 0,05 ppm	≤ 0,5	
Manganese (Mn)	< 0,01 ppm	≤ 0,05	
Molybdenum (Mo)	< 0,02 ppm	≤ 0,02	
Nickel (Ni)	< 0,05 ppm	≤ 0,05	
Potassium (K)	< 0,01 ppm	≤ 0,1	
Sodium (Na)	< 0,02 ppm	≤ 0,5	
Strontium (Sr)	< 0,02 ppm	≤ 0,02	
Thallium (Tl)	< 0,02 ppm	≤ 0,05	
Zinc (Zn)	< 0,02 ppm	≤ 0,1	
Water (K.F.)	0,0048 %	≤ 0,05	
Suitability for use in LC-MS	passes test	passes test	
UV Spectroscopy in a 1,0 cm cell:			
max. absorbance at 260 nm	0,785 AU	≤ 0,90	
max. absorbance at 270 nm	0,075 AU	≤ 0,10	
max. absorbance at 280 nm	0,028 AU	≤ 0,05	
max. absorbance at 290 nm	0,022 AU	≤ 0,04	
max. Absorbance at 300 nm	0,017 AU	≤ 0,03	
max. Absorbance at 320 nm	0,013 AU	≤ 0,025	

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