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CERTIFICATE OF ANALYSIS

AC3144_23238901/1

Product	Trifluoroacetic acid, eluent additive for LC-MS	Batch	23238901
AC3144		Quality release date	24/10/2022
		Expiry date	10/2025
Analysis		Batch value	Specifications
Assay (Acidimetric)		99,99 %	≥ 99,0
Aluminium (Al)		< 0,031 ppm	≤ 0,05
Barium (Ba)		< 0,005 ppm	≤ 0,05
Cadmium (Cd)		< 0,002 ppm	≤ 0,05
Calcium (Ca)		0,172 ppm	≤ 0,2
Chromium (Cr)		< 0,022 ppm	≤ 0,05
Cobalt (Co)		< 0,011 ppm	≤ 0,02
Copper (Cu)		< 0,010 ppm	≤ 0,02
Iron (Fe)		0,041 ppm	≤ 0,2
Lead (Pb)		< 0,005 ppm	≤ 0,1
Lithium (Li)		< 0,005 ppm	≤ 0,02
Magnesium (Mg)		0,013 ppm	≤ 0,5
Manganese (Mn)		< 0,049 ppm	≤ 0,05
Molybdenum (Mo)		< 0,018 ppm	≤ 0,02
Nickel (Ni)		< 0,030 ppm	≤ 0,05
Potassium (K)		< 0,1 ppm	≤ 0,1
Sodium (Na)		< 0,033 ppm	≤ 0,5
Strontium (Sr)		< 0,020 ppm	≤ 0,02
Thallium (Tl)		< 0,021 ppm	≤ 0,05
Zinc (Zn)		< 0,019 ppm	≤ 0,1
Water (K.F.)		0,0068 %	≤ 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		0,873 AU	≤ 0,90
max. absorbance at 270 nm		0,065 AU	≤ 0,10
max. absorbance at 280 nm		0,010 AU	≤ 0,05
max. absorbance at 290 nm		0,008 AU	≤ 0,04
max. Absorbance at 300 nm		0,007 AU	≤ 0,03
max. Absorbance at 320 nm		0,005 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