

Certificate of Analysis

Reference Material

Product Name:	Metal Ions Mix 13 (Ca, Cu, Fe, K, Mg, Mn, Na, Zn, Cd, Pb, Cr, Ag, As)	Catalogue Number:	MCEM591041
Appearance:	Colourless Liquid	Lot Number:	1101-RD-0058
Solvent:	10% HNO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Oct 25, 2024		
Chemical Structure:	N/A	Warning:	

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Metal Ions Mix 13 (Ca, Cu, Fe, K, Mg, Mn, Na, Zn, Cd, Pb, Cr, Ag, As)	N/A	100.0	2

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

CATO Research Chemicals Inc.

Signature:

Prepared by:

Xenia

Reviewed by:

Hin Lam

Approved by General manager:

David

Date: Oct 25, 2022

Date: Nov 04, 2022

Date: Nov 04, 2022

