



Certificate of Analysis

WP Minerals Sample

Catalog Number: QCI-715

Code Number: N082746

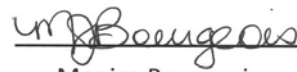
Expiration Date: 30-Sep-18

This ULTRAcheck™ sample was gravimetrically prepared, and the analyte concentrations were confirmed using the analytical technique listed. Concentrations are traceable to the NIST standard reference materials (SRMs) listed. The reference value represents the determined value when the sample has been prepared according to instructions.

Analyte	Assigned Value		Analytical Method	NIST SRM	Advisory Range*
calcium	32.8 ± 0.3	mg/L	ICP	3109	27.9 - 37.7
chloride	148 ± 1	mg/L	Cap. Ion Analyzer	3182	133 - 163
fluoride	2.74 ± 0.03	mg/L	Cap. Ion Analyzer	3183	2.36 - 3.01
magnesium	24.0 ± 0.2	mg/L	ICP	3131	20.4 - 27.6
potassium	8.40 ± 0.1	mg/L	ICP	3141	6.72 - 10.1
sodium	30.0 ± 0.3	mg/L	ICP	3152	24.0 - 36.0
spec. conductance @ 25°C	589 ± 0	µmhos/cm	EPA Method 120.1	3193	471 - 707
sulfate	8.12 ± 0.08	mg/L	Cap. Ion Analyzer	3181	6.38 - 9.24
total dissolved solids @ 180°C	397 ± 6	mg/L	EPA Method 160.1	gravimetric	357 - 437
total alkalinity (as CaCO ₃)	31.5 ± 0.3	mg/L	SM 2320B	84j	26.8 - 36.2
total hardness (as CaCO ₃)	181 ± 2	mg/L	ICP	3109 & 3131	154 - 208

* Calculated from the NELAC Non-Potable Water Fields of Testing Document, effective 3/16/15.


John Russo
President


Monica Bourgeois
Director of QA/RA



ISO 9001 Registered Quality System – TUV USA