

Certificate of Analysis

Supplier Company Name	EP Minerals	
Supplier Company Address	9785 Gateway Drive, Reno, NV 89521, USA	
Supplier Company Phone No.	(775) 824-7600	
Original Manufacturing Site	Location EP-XG, USA	
Product	PurifiDE XG-12 USP-NF (Not for use in pharmaceutical manufacturing)	Purified siliceous earth, USP-NF
Lot No./Batch Number	712L0118 Batch-1	
Date of Manufacture (mm/yyyy)	12/2018	

*USP40-NF35, Official Monographs, Purified Siliceous Earth **Compendial Test Results:***

Test	Limit	Result	Test Method/s Used
Loss on Ignition (%)	NMT 2.0	0.3	EP Minerals LAB WI 425A
Leachable Arsenic (µg/g)	NMT 10	< 1	EP Minerals Lab WI 582
Leachable Lead (µg/g)	NMT 10	< 1	EP Minerals Lab WI 582
Limit of Non-Siliceous Substances (mg in 200 mg)	NMT 50	20	EP Minerals LAB WI 475A
Loss on Drying (%)	NMT 0.5	0.1	EP Minerals LAB WI 425A
Acid-Soluble Substances (%)	NMT 2	0.1	EP Minerals LAB WI 425A
Water-Soluble Substances (%)	NMT 0.2	0.1	EP Minerals LAB WI 425A

*Validated / Verified **non-Compendial Test Results***

Test	Limit	Result	Test Method
Leachable Iron (µg/g)	NMT 10	4	EP Minerals Lab WI 582
Permeability (Darcy)	0.8 – 1.4	0.9	EP Minerals Lab WI 297
Conductivity (µS/cm)	NMT 20	4	EP Minerals Lab WI 72
Centrifuge Wet Density (g/cm ³)	NMT 0.37 (NMT 23 lbs./ft ³)	0.30 (19)	EP Minerals Lab WI 93
Percentage retains on +150 mesh (% w/w)	NMT 15	6	EP Minerals Lab WI 360