

# Vesta Minerals Quantitative Analysis

## Sample ID: DS Sample 1

Sample Date/Time: Saturday, October 24, 2020 16:43:42

Report Date/Time: Saturday, October 24, 2020 19:09:15

Autosampler Position: 315

Sample Description:

Batch ID: 10/24/2020

Sample File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Sample\VESTA 10242020.sam

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\QA Full ISO Au, Ag, PGMs REEs.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\DS Sample 1.156

## Analytical Results

Analyte	Isotope Mass	Conc. Mean	Report Unit
Ag	107	34.18	ppm
Ag-1	109	17.04	ppm
Au	197	4.25	ppm
Au-1	199	105.96	ppm
Pd	108	6.21	ppm
Pd-1	108	6.21	ppm
Pd	105	5.44	ppm
Pt	195	-3.23	ppm
Pt	194	-3.18	ppm
Pt	196	-2.92	ppm
Rh	103	-1.10	ppm
Ir	193	-0.57	ppm
Ir	191	-0.49	ppm
Ru	102	-11.46	ppm
Ru	104	-12.34	ppm
Ru	101	-11.21	ppm
Os	192	-9.55	ppm
Os	190	-64.99	ppm
Os	189	-51.46	ppm
La	139	144.89	ppm
Ce	140	288.61	ppm
Ce	142	280.65	ppm
Pr	141	35.34	ppm
Nd	142	134.92	ppm
Nd	144	133.99	ppm
Pm	141	35.34	ppm
Sm	152	26.18	ppm
Sm	154	30.83	ppm
Eu	153	4.80	ppm
Eu	151	4.69	ppm
Gd	158	23.46	ppm
Gd	160	19.93	ppm

Gd	156	45.58	ppm
Tb	159	2.91	ppm
Dy	164	15.76	ppm
Dy	162	16.55	ppm
Dy	163	14.97	ppm
Ho	165	2.99	ppm
Er	166	9.30	ppm
Er	168	8.67	ppm
Er	167	8.75	ppm
Tm	169	1.33	ppm
Tm-1	172	8.96	ppm
Lu	175	1.37	ppm
Sc	45	179.87	ppm
Th	232	49.79	ppm
Y	89	74.70	ppm
Yb	172	8.96	ppm
Yb	174	9.19	ppm
Ti	48	11405.92	ppm
V	51	1023.13	ppm
Rb	85	524.79	ppm
Cs	133	24.07	ppm
Re	187	0.20	ppm
Al	27	309259.71	ppm
As	75	263.29	ppm
Ba	138	1928.07	ppm
Be	9	9.90	ppm
Bi	209	1.53	ppm
Ca	43	3987.59	ppm
Cd	111	1.52	ppm
Co	59	78.41	ppm
Cr	52	374.15	ppm
Cu	63	743.75	ppm
Fe	57	113282.15	ppm
Ga	69	180.51	ppm
In	115	0.43	ppm
K	39	82782.97	ppm
Li	7	376.25	ppm
Mg	24	24943.09	ppm
Mn	55	465.13	ppm
Ni	60	267.41	ppm
Pb	208	180.06	ppm
Se	82	1.88	ppm
Sr	88	480.28	ppm
Tl	205	5.69	ppm
U	238	28.91	ppm
Zn	66	1010.38	ppm

Hf	180	13.62	ppm
Sb	121	6.24	ppm
Sn	118	34.56	ppm
Te	130	-0.71	ppm
B	11	342.07	ppm
Ge	74	4.86	ppm
Mo	98	14.53	ppm
Nb	93	116.25	ppm
P	31	1151.34	ppm
Si	28	565399.11	ppm
Ta	181	146.06	ppm
W	184	104.96	ppm
Zr	90	389.96	ppm