



# Metals Analysis Report



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**Operator:** E.C.

**File Name** 036SMPL.d  
**File Path** D:\Data\2017-05-09 samples 3906 and up\_#2.b  
**Acq Time** 5/9/2017 5:38:17 PM  
**Sample Name** R3918  
**Sample Type** Sample  
**Comment** Turmeric Root 1.92 Oz\_Frontier CO-OP 2017-05-05-11  
**Prep Dilution** 122.8501  
**Auto Dilution** 1.0000  
**Total Dilution** 122.8501

**Acq Mode** Spectrum  
**Cal Title** ---  
**Cal Type** External Calibration  
**Last Calib** 05/09/2017 16:59:37  
**Bkg File** 003\_BKG.d  
**Bkg Mode** Count Subtraction except for ISTD  
**FQ BlankFile** 018QBLK.d  
**VIS Fit** Linear



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### FullQuant Table

Element	Mass	Conc.	Units	RSD(%)	Det.
Mg	24	2246242.855	ppb	1.5	Analog
Al	27	288276.618	ppb	0.8	Analog
K	39	25060971.265	ppb	1.7	Analog
V	51	801.236	ppb	1.1	Pulse
Cr	52	1083.175	ppb	0.9	Pulse
Mn	55	278706.833	ppb	0.3	Analog
Fe	56	119252.114	ppb	1.4	Analog
Ni	60	1080.043	ppb	0.8	Pulse
Cu	63	8423.990	ppb	0.7	Analog
Zn	66	29220.512	ppb	0.7	Analog
As	75	40.440	ppb	5.4	Pulse
Se	78	130.036	ppb	10.6	Pulse
Sr	88	16576.020	ppb	0.9	Analog
Mo	95	103.832	ppb	1.8	Pulse
Ag	107	<0.000	ppb	N/A	Pulse
Cd	111	186.868	ppb	2.2	Pulse
Cd	114	184.048	ppb	0.7	Pulse
Cs	133	17.295	ppb	0.6	Pulse
Au	197	<0.000	ppb	N/A	Analog
Hg	200	<0.000	ppb	N/A	Pulse
Hg	201	<0.000	ppb	N/A	Pulse
Hg	202	<0.000	ppb	N/A	Pulse
Pb	206	348.971	ppb	1.0	Pulse
Pb	207	353.962	ppb	0.8	Pulse
Pb	208	361.927	ppb	0.8	Pulse
U	238	10.486	ppb	3.2	Pulse

### ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
He	Sc	45	2531517.54	3.2	139.4	Analog	0.3000	3
He	Ge	72	230543.31	2.8	125.4	Pulse	0.3000	3
He	In	115	2529278.27	2.6	114.3	Analog	0.3000	3
He	Te	125	320317.55	2.3	135.5	Pulse	0.3000	3
He	Tb	159	5259079.51	1.0	106.7	Analog	0.2000	3
He	Bi	209	2657786.52	1.1	93.7	Analog	0.2000	3