

TotalQuant - Summary Report

Sample ID: PLA 2

Sample Date/Time: Monday, June 27, 2022 16:39:45

Sample Description:

Solution Type: Sample

Sample File:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\TotalQuant GEA.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Default\PLA 2.088

Response File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\System\totalquant.rsp

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted to Volume (mL):

Torch Z Position (mm): 0.00

Report Concentration Unit: ppb

Analyte Intensities

Analyte	Concentration	Intensity	Intensity Comment
H			Not Measured
He			Not Measured
Li	0.000	0	
Be	0.000	0	
B	0.000	0	
C	21695.208	72829668	
N	0.000	0	
O			Not Measured
F		13296781	
Ne		397	
Na	35.572	5422658	
Mg	3.804	476813	
Al	40.722	3391896	
Si	62.528	3123712	
P	5.911	49638	
S	0.000	0	
Cl	0.000	0	
Ar	0.000	0	
K	39.495	1222476	
Ca	0.000	0	
Sc	0.000	0	
Ti	0.848	77554	
V	0.000	0	
Cr	0.000	0	
Mn	0.085	9579	
Fe	0.000	0	
Co	0.012	1077	
Ni	0.000	0	
Cu	3.028	182972	
Zn	2.612	93878	
Ga	0.000	0	
Ge	0.000	0	
As	0.000	0	
Se	2.079	12010	
Br	19.365	42739	
Kr	0.000	0	
Rb	0.019	1978	
Sr	0.196	23017	
Y	0.015	1757	
Zr	0.021	1708	
Nb	0.001	94	
Mo	0.029	2442	
Ru	0.000	0	
Rh	0.000	0	

Report Date/Time: Monday, June 27, 2022 16:41:55

Page 1

Sample ID: PLA 2

Pd	0.000	0
Ag	0.652	62735
Cd	0.000	0
In	0.001	143
Sn	38.149	5028518
Sb	0.000	0
Te	0.000	0
I	0.000	0
Xe	0.000	0
Cs	0.076	8395
Ba	0.499	58394
La	0.111	12740
Ce	0.033	4031
Pr	0.002	282
Nd	0.007	1060
Sm	0.001	150
Eu	0.001	147
Gd	0.000	54
Tb	0.001	81
Dy	0.000	18
Ho	0.000	9
Er	0.000	0
Tm	0.000	0
Yb	0.000	0
Lu	0.000	2
Hf	0.002	160
Ta	0.000	27
W	0.280	16847
Re	0.000	0
Os	0.000	0
Ir	0.000	0
Pt	0.000	0
Au	0.000	0
Hg	1.339	20328
Tl	0.000	0
Pb	1.377	122573
Bi	0.005	346
Th	0.018	936
U	0.001	32

TotalQuant Equations

Analyte Equation

Ca	$740.74 \cdot \text{mass } 43$
Ti	$13.44 \cdot \text{mass } 47$
Se	$11.455 \cdot \text{mass } 82$
Fe	$47.17 \cdot \text{mass } 57$