

## TotalQuant - Summary Report

### Sample ID: PLA 3

Sample Date/Time: Monday, June 27, 2022 16:43:35

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 3.089

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	22855.926	76726136	
N	0.000	0	
O			Not Measured
F		13218283	
Ne		0	
Na	22.999	3506047	
Mg	3.902	489028	
Al	5.378	447966	
Si	0.000	0	
P	0.000	0	
S	0.000	0	
Cl	0.000	0	
Ar	0.000	0	
K	0.000	0	
Ca	0.000	0	
Sc	0.000	0	
Ti	0.071	6520	
V	0.000	0	
Cr	0.000	0	
Mn	0.000	0	
Fe	0.000	0	
Co	0.001	117	
Ni	0.000	0	
Cu	2.009	121416	
Zn	4.102	147448	
Ga	0.000	0	
Ge	0.000	0	
As	0.000	0	
Se	0.221	1280	
Br	16.898	37296	
Kr	0.000	0	
Rb	0.007	742	
Sr	0.146	17135	
Y	0.024	2846	
Zr	0.108	8921	
Nb	0.002	141	
Mo	0.000	0	
Ru	0.000	0	
Rh	0.000	0	

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Pd	0.000	0
Ag	0.069	6678
Cd	0.000	0
In	0.000	1
Sn	37.922	4998628
Sb	0.000	0
Te	0.000	0
I	0.000	0
Xe	0.000	0
Cs	0.000	0
Ba	0.634	74246
La	0.054	6140
Ce	0.046	5595
Pr	0.003	392
Nd	0.008	1069
Sm	0.001	150
Eu	0.002	234
Gd	0.000	11
Tb	0.001	99
Dy	0.000	0
Ho	0.000	0
Er	0.000	0
Tm	0.000	0
Yb	0.000	0
Lu	0.000	4
Hf	0.002	154
Ta	0.000	19
W	0.005	278
Re	0.000	0
Os	0.000	0
Ir	0.000	0
Pt	0.000	0
Au	0.000	0
Hg	1.481	22480
Tl	0.000	0
Pb	1.070	95229
Bi	0.003	187
Th	0.010	556
U	0.000	0

## 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	$47.17 \cdot \text{mass } 57$