

## TotalQuant - Summary Report

### Sample ID: Branco 5

Sample Date/Time: Monday, June 27, 2022 16:35:55

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\Branco 5.087

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	0.000	0	
N	0.000	0	
O			Not Measured
F		12295688	
Ne		756	
Na	0.000	0	
Mg	5.962	747254	
Al	8.046	670168	
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	13.694	458324	
Sc	0.000	0	
Ti	0.654	59804	
V	0.000	0	
Cr	0.000	0	
Mn	0.151	16934	
Fe	9.827	787458	
Co	0.017	1501	
Ni	0.000	0	
Cu	0.000	0	
Zn	10.204	366741	
Ga	0.000	0	
Ge	0.000	0	
As	0.000	0	
Se	0.073	421	
Br	13.440	29663	
Kr	0.000	0	
Rb	0.012	1211	
Sr	0.158	18578	
Y	0.021	2527	
Zr	0.179	14832	
Nb	0.006	451	
Mo	0.000	0	
Ru	0.000	0	
Rh	0.000	0	

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Pd	0.000	0
Ag	0.153	14729
Cd	0.000	0
In	0.000	0
Sn	0.000	0
Sb	0.000	0
Te	0.000	0
I	0.000	0
Xe	0.000	0
Cs	0.002	261
Ba	1.033	120854
La	0.198	22747
Ce	0.017	2041
Pr	0.002	232
Nd	0.005	672
Sm	0.001	112
Eu	0.002	255
Gd	0.000	54
Tb	0.000	41
Dy	0.007	804
Ho	0.000	14
Er	0.000	44
Tm	0.000	0
Yb	0.000	6
Lu	0.000	12
Hf	0.006	498
Ta	0.001	59
W	0.091	5491
Re	0.000	0
Os	0.000	0
Ir	0.000	0
Pt	0.000	0
Au	0.000	0
Hg	0.547	8295
Tl	0.000	0
Pb	0.267	23745
Bi	0.002	106
Th	0.022	1179
U	0.001	58

## TotalQuant Equations

Analyte Equation

Ca 740.74\*mass 43  
Ti 13.44\*mass 47  
Se 11.455\*mass 82  
Fe 47.17\*mass 57