



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

SGS Greece S.A.

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15-February-2022

Date Rec. : 23 December 2021
LR Report : CA02993-DEC21
Client Ref : PO# 2006218

CERTIFICATE OF ANALYSIS

Preliminary Report

Sample ID	SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %
2: Zeolite Sample	68.0	11.2	0.78	0.77	2.86	0.66	3.03	0.11

Sample ID	P2O5 %	MnO %	Cr2O3 %	V2O5 %	LOI %	Sum %	XRD-Semi Quant	Weight g
2: Zeolite Sample	0.01	0.07	< 0.01	< 0.01	12.6	100.1	1	5219

Control Quality Analysis - not suitable for commercial exchange

Method Descriptions

Parameter	Description	SGS Method Code
Al2O3	Aluminum by borate fusion XRF	GO/GC/GT_XRF76V/R
CaO	Calcium by borate fusion XRF	GO/GC/GT_XRF76V/R
Cr2O3	Chromium by borate fusion XRF	GO/GC/GT_XRF76V/R
Fe2O3	Iron by borate fusion XRF	GO/GC/GT_XRF76V/R
K2O	Potassium by borate fusion XRF	GO/GC/GT_XRF76V/R
LOI	Loss at 1000C XRF	GO/GC/GT_XRF76V/R
MgO	Magnesium by borate fusion XRF	GO/GC/GT_XRF76V/R
MnO	Manganese by borate fusion XRF	GO/GC/GT_XRF76V/R
Na2O	Sodium by borate fusion XRF	GO/GC/GT_XRF76V/R
P2O5	Phosphorus by borate fusion XRF	GO/GC/GT_XRF76V/R
SiO2	Silicon by borate fusion XRF	GO/GC/GT_XRF76V/R
Sum	Sum	
TiO2	Titanium by borate fusion XRF	GO/GC/GT_XRF76V/R
V2O5	Vanadium by borate fusion XRF	GO/GC/GT_XRF76V/R
Weight	Initial weight of sample received	



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Parameter	Description	SGS Method Code
XRD-Semi Quant	XRD-Semi-Quant by Mineralogy	

Shamim Footoohchi
Project Coordinator, Minerals Services,
Analytical

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