

**Certificate of Analysis**  
**ACMA TALC 4**  
**INVOICE NO.: ACMA24-12947**

<b>Customer Name:</b>	<b>Order Number: 1</b>
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<b>Product Date: May 2024</b>	<b>Expiry date: May 2027</b>
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<b>Chemical Analysis</b>		
Sio2		62.12
Al2o3		0.32
Fe2o3		0.015
Cao		0.43
Mgo		31.54
Na2o3		0.082
K2o		0.03
P2o5		0.054
H2o		0.024
L.o.l		4.81

<b>Product Physical Properties</b>		
<b>Fineness</b>	<b>Standard Value</b>	<b>Actual results</b>
Residue on a 45 Microns sieve (ISO 787/7)	0.01%	0.008%
Top cut (d97%)	20-22 Microns	20.7 Microns
Mean particle size (d50%)	4.3 - 4.8 Microns	4.28 Microns
<b>Whiteness</b>		
Whiteness	95.00%	96.80%
ISO dry Brightness	> 94	95.11
Yellow index (Indice de Jaune)	1.8	1.71
pH value ISO (787/9)	8.5	8.47
<b>GENERAL PRODUCT DATA:</b>		
Loose bulk density (LTM 001)	0.7 g/ml	0.7 g/ml
pH value (ISO 787/9)	9	8.99
Oil absorption (ISO 787/5)	39 g/100g	38.2 g/100g

**We confirm that material sample for this lot has been testes according to industry standard and found to be meeting standard defined specificagtions**

**Quality Control Manager**

