DATA SHEET

50100700 CARBONATO DE CAL 04/04/2025 v1.3

1. PRODUCT IDENTIFICATION

Description: Calcium Carbonate ($CaCo_3$).

Application: Raw material for the ceramics industry.

2. CHEMICAL COMPOSITION

Metal oxides with concentrations less than 0.05% have not been determined.

Li_2O		ZnO		Cr_2O_3		CaF_2	
Na_2O		MnO		B_2O_3		Bi_2O_3	
K_2O		CdO		V_2O_5		P_2O_5	
MgO	0,28	CoO		MnO_2		BeO	
CaO	55,74	NiO		SiO_2	0,01	CeO_2	
SrO		Al_2O_3	0,06	TiO_2		CuO	
BaO		Fe_2O_3	0,02	ZrO_2		Pr_2O_3	
PbO		Sb_2O_3		SnO_2			

LOI 44

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect: White powder

Color(fired):

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: a: b:

5. DILATOMETRY

* Data obtained with dilatometer BÄHR mod. DIL 801 L 10^{-7} C^{-1}

(25-300)C°	(50-300)C°	(300-500)C°	(500-600)C°	Tª Transformation	Tª Softening	Melting point
				C°	C°	>900 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
30.01	18.045	11.54	4.22	0.52	4.561

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

This material is lead and cadmium free.

Notes: n.a (not applicable), n.d (no information available), p.n (negative tests)

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Made by dwit

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