

DATA SHEET

50127100 'SULFATO DE COBRE

06/08/2025 v1.3

1. PRODUCT IDENTIFICATION

Description COPPER SULFATE PENTAHYDRATE. $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ > 98%

Application Raw material in 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	LOI	68,15
Na_2O	MnO	B_2O_3	Bi_2O_3		
K_2O	CdO	V_2O_5	P_2O_5		
MgO	CoO	MnO_2	BeO		
CaO	NiO	SiO_2	CeO_2		
SrO	Al_2O_3	TiO_2	CuO	31,85	
BaO	Fe_2O_3	ZrO_2	Pr_2O_3		
PbO	Sb_2O_3	SnO_2			

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect Blue crystal

Color(fired)

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: n.a.

a: n.a.

b: n.a.

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°	T ^a Transformation C°	T ^a Softening C°	Melting point C°
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6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10 μ	>25 μ	>40 μ	>70 μ	>120 μ	D50 μ
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7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Raw material .

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

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