



MINERA DE SANTA MARTA, S.A.

SPECIFICATION

Product: **COLOURED SODIUM SULPHATE**

Type: **Na-G0+.C4 - ORANGE**

Rev.:4

Belorado Plant

October 2015

Parameter		Standard product	Limit	Test/Method
1	Appearance	Coarse quality product free from foreign materials Orange Granular Speckle		Visual inspection
2	Pigment	Orange: Pigment Orange 13	0.2 %	
3	Other Compounds	Sodium Silicate (Acts as binder)	3 %	
4	Purity (on Sodium Sulphate)	97.5 %	95 %	
5	Bulk Density	1550 kg/m ³	± 100	IT07
6	Moisture content	0.1 %	0.5 % maximum	IT02
7	Colour (CIE)	L*	44	± 14
		a*	44	± 18
		b*	22	± 10
PARTICLE SIZE DISTRIBUTION				
7	Above 1700 µm	0 %		IT10
	Below 600 µm	15 % maximum		
	Mean Size	900 µm ± 150		

Issued by Quality Coordinator

Approved by Commercial Director