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SPECIFICATION

Product :		NATURAL ANHYDROUS SODIUM SULPHATE		
Type :		Na – N		
Chemical Formula:		Na₂SO₄	REV.: 34	Belorado Plant
				May 2025
Parameter		Typical value	Limit	Test/Method
1	Appearance	Flowing powder free from foreign materials		Visual inspection
2	Na ₂ SO ₄	99.75 %	99.50 % minimum	IT01
3	Moisture content	0.03 %	0.05 % maximum	IT02
4	Chloride (Cl ⁻)	0.06 %	0.18 % maximum	IT03
5	Calcium (Ca ²⁺)	0.01 %	0.03 % maximum	IT04
6	Magnesium (Mg ²⁺)	0.01 %	0.03 % maximum	IT04
7	Acid insoluble	0.005 %	0.010 % maximum	IT05
8	pH (1%)	7.00	± 1.00	IT06
9	Bulk density	1480 kg/m ³	± 120	IT07
	L*	97	95 minimum	
10	Color (CIE)	a*	± 0,5	IT08
	b*	2,5	± 2,5	
TRACE METALS				
11	Iron (Fe)	2 ppm	5 ppm maximum	IT09
	Chromium (Cr)	<1 ppm	2 ppm maximum	
PARTICLE SIZE DISTRIBUTION				
12	Above 1000 µm		1 % maximum	IT10
	Above 315 µm		40 % maximum	
	Between 100 and 315 µm		45 % minimum	
	Below 100 µm		35 % maximum	
	Mean size		240 ± 60 microns	