



GRUPO CRIMIDESA

APROBADO
DEP. DE QUALIDADE

Produtos Químicos, S.A.

**TECHNICAL SPECIFICATIONS
ANHYDROUS SODIUM SULPHATE
GRADE: STANDARD (SD)**



Ref.: ESP - SD

Rev.: 10

Date: September 2018

PARAMETER	STANDARD PRODUCT	TOLERANCE		METHOD
		maximum	minimum	
Appearance	White free flowing powder, free from foreign matter			
Na ₂ SO ₄	99.8%	---	99.6%	MT/10
NaCl	0.15%	0.25%	---	ISO 6227-1982 MT/01
Calcium (as Ca)	50 ppm	100 ppm	---	Atomic Abs. MT/02
Magnesium (as Mg)	150 ppm	300 ppm	---	Atomic Abs. MT/02
Insoluble in water	0.01%	0.02%	---	MT/03
pH (5%)	8.0	9.0	6.0	MT/06
Iron (as Fe)	1 ppm	5 ppm	---	Atomic Abs. MT/07
Colour (CIE - Lab)				Spectrophotometer
L-	97.0	---	95.0	MT/08
a*-	0.0	0.5	---	
b*-	1.0	5.0	--	
Bulk density (g/ml)	1.45	1.60	1.30	ISO 697 – 1981 MT/09
Humidity (Water)	0.02%	0.05%	---	MT/04
Heavy metals (as Pb) < 1ppm	It complies with the requirements for food additive E 514 (i) EU Regulations 231/2012 and 68/2013			
GRANULOMETRY				
Above 1000 microns	0.0%	1.0%	---	ISO 2395-1990 ISO 565-1990 ISO 3310-1:1990
Above 50 microns	95.0%	---	90.0%	
Mean Particle Size microns	200 +/- 50	---	---	

- It complies with all the requirements stated in the Codex of Chemical Substances for Food: Food Chemical Codex 8^a Edition

ELABORADO	APROBADO
 Signed: Noelia Rodríguez Head of Quality and Environment	 Fdo. Juan Castiella Marketing Manager