



Version	00
Molecular weight	142.04
Quality Test / Release Date	09/12/2019
Molecular Formula	Na ₂ O ₄ S
CAS No	7757-82-6
Linear Formula	Na ₂ SO ₄
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	42441	Quality Test / Release Date 09/12/2019
Lot Number	A0412120	
Description	Sodium sulfate, 99+%, ACS reagent, anhydrous	
Country of Origin	SPAIN	
Declaration of Origin	Mineral	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline or granular powder	Crystalline powder
Titration after Ion exchange		≥99.0 %	100.3 %
Heavy metals (as Pb)		≤5 ppm (by ICP-OES)	≤2 ppm (by ICP-OES)
pH		5.2 to 9.2 (5 % solution at 25.0°C)	6.8 (5 % solution at 25.0°C)
Insoluble matter		≤0.01 %	≤0.005 %
Loss on ignition		≤0.5 %	0.1 %
Nitrogen compounds (as N)		≤5 ppm	≤5 ppm
Chloride (Cl)		≤10 ppm	≤5 ppm
Phosphate (PO ₄)		≤10 ppm	≤2 ppm
Iron (Fe)		≤10 ppm	≤2 ppm
Calcium (Ca)		≤100 ppm	3 ppm
Magnesium (Mg)		≤50 ppm	4 ppm
Potassium (K)		≤100 ppm	2 ppm



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 09-13-2019

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