



ACROS ORGANICS part of Thermo Fisher Scientific

ACROS
ORGANICS

Version 0
Molecular weight 132.14
Molecular formula H8 N2 O4 S
CAS No 7783-20-2
Linear formula (NH4)2SO4
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	42340	Quality Test / Release Date	6 November 2019
Lot Number	A0413826	Suggested Retest Date	November 2024
Description	Ammonium sulfate, 99+%, ACS reagent		
Country of Origin	SPAIN		
Declaration of Origin	synthetic		

Origin Comment

Result Name	Specifications	Test Value
Appearance (Color)	Colorless to white	white
Appearance (Form)	Crystalline powder or crystals	Crystals
Titration excess NaOH	$\geq 99.0\%$	100.4 %
Heavy metals (as Pb)	≤ 5 ppm	≤ 1 ppm
Insoluble matter	$\leq 0.005\%$	$\leq 0.005\%$
pH	5.0 to 6.0 (5 % at 25°C)	5.2 (5 % at 25°C)
Residue after ignition	$\leq 0.005\%$	0.001 %
Chloride (Cl)	≤ 5 ppm	≤ 2 ppm
Nitrate (NO ₃)	≤ 10 ppm	≤ 10 ppm
Phosphate (PO ₄)	≤ 5 ppm	≤ 2 ppm
Iron (Fe)	≤ 5 ppm	≤ 1 ppm



C. Wygaerts, QA Manager

Issued: 22 June 2020

Acros Organics
ENA23, zone 1, nr 1350, Janssen Pharmaceuticaalaa 3a, B-2440 Geel, Belgium
Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>
1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329