

EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Sodium Sulfate, Anhydrous
Granular, 10-60 Mesh, TRACEPUR(R)
ITEM NUMBER: SX0760E
LOT NUMBER: 127679
FORMULA: Na₂SO₄
FORMULA WT: 142.04
Meets ACS Specifications
Data Order No: 00030534

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay	99.0		99.94	%
Calcium (Ca)		0.01	0.0025	%
Chloride (Cl)		0.001	0.0010	%
Color			White	
Form			Granules	
Heavy metals (as Pb)		5	5	ppm
Insoluble matter		0.01	0.004	%
Iron (Fe)		0.001	0.0002	%
Loss on ignition		0.5	0.19	%
Magnesium (Mg)		0.005	0.0003	%
Mesh size (#10-#60)	95		95	%
Nitrogen compounds (as N)		5	5	ppm
Phosphate (PO ₄)		0.001	0.0010	%
Potassium (K)		0.002	0.0005	%
Suitability for residue analysis (dried 400°/4 hr)			Passes test	
pH of a 5% solution at 25°C	5.2	9.2	7.20	

Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 6/2/99

