

EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Sulfuric Acid
GR
ITEM NUMBER: SX1244
LOT NUMBER: 37133A
FORMULA: H₂SO₄
FORMULA WT: 98.08
Meets ACS Specifications

Data Order No:00014839

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Ammonium (NH ₄): Appearance:		2	0.4	ppm
			Free from suspended or insoluble matter	
Arsenic (As): Assay:	95.0	0.01 98.0	<0.001 97.3	ppm %
Chloride (Cl):		0.2	0.02	ppm
Color (APHA):		10	10	APHA
Heavy metals (as Pb):		1	0.1	ppm
Iron (Fe):		0.2	0.04	ppm
Mercury (Hg):		5	<1	ppb
Nitrate (NO ₃):		0.5	0.05	ppm
Residue after ignition: Substances reducing permanganate:		5	0.5 Passes test	ppm

Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 06/27/97

