

Certificate of Analysis



Date of Release: 11/14/2024
 Name: Sulfuric Acid
 GR ACS
 Meets ACS Specifications
 Item No: SX1244 all size codes
 Lot / Batch No: 2024102214
 Country of Origin: USA

500326
 S9191-500ml

Characteristic	Requirement		Results	Units
	Min.	Max.		
Aluminum (Al)		0.2	< 0.2	ppm
Ammonium (NH4)		2	< 2	ppm
Appearance			Passes test	
Arsenic (As)		0.01	< 0.01	ppm
Assay	95.0	98.0	96.90	%
Calcium (Ca)		0.3	< 0.3	ppm
Chloride (Cl)		0.2	< 0.20	ppm
Chromium (Cr)		0.2	< 0.2	ppm
Color (APHA)		10	< 10	
Copper (Cu)		0.1	< 0.1	ppm
Gold (Au)		0.3	< 0.3	ppm
Heavy metals (as Pb)		1	< 1	ppm
Iron (Fe)		0.2	< 0.20	ppm
Lead (Pb)		0.3	< 0.3	ppm
Magnesium (Mg)		0.3	< 0.3	ppm
Manganese (Mn)		0.2	< 0.20	ppm
Mercury (Hg)		5	< 5	ppb
Nickel (Ni)		0.1	< 0.1	ppm
Nitrate (NO3)		0.5	< 0.50	ppm
Potassium (K)		0.3	< 0.3	ppm
Residue after ignition		5	< 5	ppm
Sodium (Na)		0.3	< 0.3	ppm
Substances reducing permanganate (as SO2)		2	< 2	ppm
Tin (Sn)		0.2	< 0.2	ppm
Titanium (Ti)		0.3	< 0.3	ppm
Zinc (Zn)		0.2	< 0.2	ppm

Michael Hutchinson,

Quality Control Manager

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