

Sulfuric Acid, 93%
Pasadena, TX

CAS Number: 7664-93-9

Appearance: Clear, oily liquid

TYPICAL ANALYSIS

Complies with Federal Specification A-A-55828 (Type I, Class 1 and Type II, Class 1)

PARAMETER	UNIT	TYPICAL VALUE	TEST METHOD
Assay as H ₂ SO ₄	%	93.5	ASTM E-223
Specific Gravity	@ 60°F	1.835	ASTM E-223
Color	APHA	90	ASTM D1209
Turbidity	NTU	1	ASTM D1889
Fixed Residue	ppm	60	ASTM E-223
Nitrates	ppm	< 10	ACS (H ₂ SO ₄)
Chlorides	ppm	< 0.5	ACS (H ₂ SO ₄)
Ammonia	ppm	4	SM 4500 E
Sulfur dioxide as SO ₂	ppm	25	ASTM E-223
Iron as Fe	ppm	5	ASTM D1976
Antimony as Sb	ppm	< 1	ASTM D1976
Arsenic as As	ppm	< 1	ASTM D1976
Chromium as Cr	ppm	< 1	ASTM D1976
Copper as Cu	ppm	< 1	ASTM D1976
Lead as Pb	ppm	< 1	ASTM D1976
Nickel as Ni	ppm	< 1	ASTM D1976
Selenium as Se	ppm	< 1	ASTM D1976
Manganese as Mn	ppm	< 1	ASTM D1976
Zinc as Zn	ppm	< 1	ASTM D1976
Mercury as Hg	ppm	< 0.1	ASTM D1976

Typical values in this data sheet are offered as a guide, without guarantee, and do not supersede or modify any contractual agreements regarding product specifications.