

Product Specifications

PRODUCT NAME: Sulfuric Acid 50%
(w/w) Reagent

CHEMICAL FORMULA: H₂SO₄

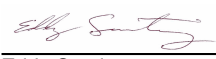
Product Code: 983800-90000
F.W.: 98.0800
CAS No: 7664-93-9
Density: 1.40

ITEM	SPECIFICATIONS
Appearance	Free from suspended matter
Assay (H ₂ SO ₄)	48.0 - 51.0% w/w
Color (APHA)	10 max.
Residue After Ignition	5 ppm max.
Chloride (Cl)	0.2 ppm max.
Nitrate (NO ₃)	0.5 ppm max.
Ammonium (NH ₄)	2 ppm max.
Substances reducing KMnO ₄ (as SO ₂)	To pass test
Arsenic (As)	0.01 ppm max.
Heavy metals (by ICP-OES)	1 ppm max.
Iron (Fe)	0.2 ppm max.
Nickel (Ni)	1 ppm max.
Selenium (Se)	20 ppm max.
Mercury (Hg)	5 ppb max.
Manufacture Date	Record Actual
Expiration date	Record Actual

Remarks:

This item is certified against NIST traceable standards.

The above are the specifications, ranges and limits set for this product.


Eddy Santiago
Quality Assurance Manager

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Document Print Date:
8/8/2025

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