



COLUMBUS CHEMICAL INDUSTRIES

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 (H2SO4)	48.0 - 51.0% w/w
Color (APHA)	10 max.
Residue After Ignition	5 ppm max.
Chloride (Cl)	0.2 ppm max.
Nitrate (NO3)	0.5 ppm max.
Ammonium (NH4)	2 ppm max.
Substances reducing KMnO4 (as SO2)	To pass test
Arsenic (As)	0.01 ppm max.
Heavy Metals (as Pb)	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

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

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