



TECHNICAL DATA SHEET(TDS)
Sulfuric Acid 50% Solution, Reagent Grade
Product Specifications (CAS# 7664-93-9)

Test	Specification	Typical Results
Assay	48.0 - 51.0% w/w	50.3% w/w
Color (APHA)	Max 10	<10
Residue after Ignition	Max 5 ppm	<5 ppm
Chloride	Max 0.2 ppm	<0.02 ppm
Nitrate	Max 0.5 ppm	<0.5 ppm
Ammonium	Max 2 ppm	<2 ppm
Substances reducing KMnO4	To Pass the Test	Pass
Arsenic	Max 0.01 ppm	<0.01 ppm
Heavy Metals (by ICP-OES)	Max 1 ppm	<1 ppm
Iron	Max 0.2 ppm	<0.2 ppm
Nickel	Max 1 ppm	<1 ppm
Selenium	Max 20 ppm	<20 ppm
Mercury	Max 5 ppb	<5 ppb
Appearance	Free from suspended matter	Pass

Appropriate/legal use of this product is the responsibility of the user.

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