

# ***Sulfuric Acid Specification***

<b>GRADE</b>	<b>PRODUCT DESCRIPTION</b>	<b>CODE</b>	<b>CREATED</b>
<b>93%</b>	<b>Technical Quality</b>	<b>SA-S93-11</b>	<b>5/1/19</b>

<b><u>Property/Element</u></b>	<b><u>Unit</u></b>	<b><u>Limit</u></b>
H <sub>2</sub> SO <sub>4</sub>	%	93.2 min
	%	95.0 max
Clarity @ 500 nm	%	70 min
Color	APHA	70 max
POM 0.02N KMnO <sub>4</sub>	ml/25 ml sample	5 max
Chlorides (Cl)	ppm	10 max
Iron (Fe)	ppm	50 max
Mercury (Hg)	ppm	2 max
Sulfurous Acid as SO <sub>2</sub>	ppm	50 max
Nitrogen Oxides as NO <sub>3</sub>	ppm	20 max

Produced sulfuric acid is normally a clear and particle free product. Handling and transportation equipment (lines, pumps, storage tanks, tank trailers, tank cars etc.) generate particulates that could be visible in the sulfuric acid. For process or applications that require particle free product, acid filtration equipment is recommended. Filter location, size and type depend on the user's requirements. For more information on sulfuric acid filtration, you can contact the Rowell Chemical Technical Department.

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