



## RLS PRODUCT SPECIFICATION

<b>Product Code</b>	<b>CHE-S50</b>
<b>Chemical Name</b>	<b>Sulphuric Acid 98%</b>
<b>Chemical Grade</b>	<b>AR</b>
<b>Pack Size</b>	<b>2.5L Plastic bottle</b>
<b>Chemical Formula</b>	<b>H<sub>2</sub>SO<sub>4</sub></b>
<b>Chemical Weight</b>	<b>98,08 g/mol</b>
<b>CAS No</b>	<b>7664-93-9</b>
<b>Solubility in Water</b>	<b>Miscible (with release of heat)</b>
<b>Appearance</b>	<b>Clear, Slightly-Yellowish, liquid</b>
<b>Melting Point</b>	<b>3 °C</b>
<b>Boiling Point</b>	<b>290 °C (lit).</b>

### WARRANTY CERTIFICATE

<b>Assay (%) (m/m)</b>	<b>≥ 98.0</b>
<b>Oxidisable impurities (SO<sub>2</sub>) (%) (m/m)</b>	<b>≤ 0.001</b>
<b>Arsenic (As) (%) (m/m)</b>	<b>≤ 0.000004</b>
<b>Chloride (Cl) (%) (m/m)</b>	<b>≤ 0.0003</b>
<b>Heavy Metals (as Pb) (%) (m/m)</b>	<b>≤ 0.0004</b>
<b>Iron (Fe) (%) (m/m)</b>	<b>≤ 0.0002</b>
<b>Nitrate (NO<sub>3</sub>) (%) (m/m)</b>	<b>≤ 0.0001</b>

PURE LABORATORY GRADE CHEMICALS

SHELF LIFE BASED ON CURRENT KNOWLEDGE AND HOLDS ONLY FOR CORRECT STORAGE IN ORIGINAL SEALED CONTAINERS