

# Specification

## Technical Data Sheet

<b>Product Name</b>	5-Aminosalicylic acid
<b>Product No</b>	24450779
<b>CAS Number</b>	89-57-6
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	153.14
	<b>Specification</b>
<b>Appearance</b>	Off-white to grey crystalline powder
<b>Heavy metals</b>	≤10ppm
<b>Identification</b>	Conforms to reference
<b>Impurity A</b>	≤200ppm (4-aminophenol)
<b>pH</b>	3.5 - 4.5
<b>2-Aminophenol</b>	≤0.02%
<b>3-Aminosalicylic Acid</b>	≤0.2%

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<b>Aniline</b>	≤5ppm
<b>Assay</b>	98.0 - 101.5%
<b>Chloride (Cl)</b>	≤0.1%
<b>Residue on Ignition</b>	≤0.2%
<b>Solubility</b>	Slightly soluble in water, almost insoluble in ethanol, in dilute hydrochloric acid and alkali hydroxide dissolved in solution
<b>Sulfate (SO<sub>4</sub>)</b>	≤200ppm
<b>Total Impurities</b>	≤1.0%
<b>Water Content (KF)</b>	≤0.5%
<b>Other related impurities</b>	≤0.2%

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