

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22234
<b>Lot Number</b>	002197-20210222
<b>Product</b>	<b>Sulfanilamide</b> <i>p</i> -Aminobenzenesulfonamide
<b>CAS Number</b>	63-74-1
<b>Molecular Formula</b>	H <sub>2</sub> NC <sub>6</sub> H <sub>4</sub> SO <sub>2</sub> NH <sub>2</sub>
<b>Molecular Weight</b>	172.2

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<b>Appearance</b>	Almost white crystalline powder
<b>Melting Point</b>	165.4 - 165.5 °C
<b>Heavy Metals</b>	< 10 ppm
<b>Anion</b>	Chloride (Cl) : < 0.014%
<b>Cation</b>	Iron (Fe) : < 40 ppm
<b>Acidity</b>	0.1 mL/g
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.3%
<b>Insoluble material</b>	Alkali insoluble matter : Clear
<b>Related Substances</b>	Total impurities : < 0.5%
<b>Residue On Ignition</b>	0.06%
<b>Assay</b>	99.3% (On dry substance)
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Aromatic amines : Passes test
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager