

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Cystine
<b>Product No</b>	11394887
<b>CAS Number</b>	56-89-3
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	240.30
	<b>Specification</b>
<b>Appearance</b>	White crystals or crystalline powder
<b>Conclusion</b>	Conforms to Specification
<b>Heavy metals</b>	$\leq 0.0015\%$
<b>Loss on Drying</b>	$\leq 0.20\%$
<b>Specific rotation</b>	-215° to -225°
<b>Assay</b>	98.5% to 101.5%
<b>Chloride (Cl)</b>	$\leq 0.10\%$

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<b>Iron (Fe)</b>	$\leq 0.003\%$
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<b>Particle Size</b>	Approx 80 mesh/ 165 micron.
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<b>Residual on Ignition</b>	$\leq 0.10\%$
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<b>Arsenic (As)</b>	$\leq 1.5\text{ppm}$
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<b>Sulphate (SO<sub>4</sub>)</b>	$\leq 0.040\%$
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