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# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Cysteine hydrochloride monohydrate (non-animal origin)
<b>Product No</b>	22241256
<b>CAS Number</b>	7048-04-6
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	175.64
	<b>Specification</b>
<b>Heavy metals</b>	≤15 ppm
<b>Loss on Drying</b>	8.0-12.0%
<b>Sulfate</b>	≤0.03%
<b>Assay</b>	≥99.0%
<b>Iron</b>	≤30 ppm
<b>Residue on Ignition</b>	0.40% max
<b>Notes</b>	This product complies to the standards of the EP7.0. Food grade. It is a Kosher and Halal product from a non-animal source.
<b>Appearance</b>	White crystalline powder
<b>Specific Rotaion</b>	+5.5° to +7.0 °