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# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Cysteine
<b>Product No</b>	15386031
<b>CAS Number</b>	52-90-4
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	121.16
	<b>Specification</b>
<b>Specific rotation</b>	+8.3°~ +9.5°
<b>pH</b>	4.5 ~ 5.5
<b>SO4</b>	0.03% max
<b>Fe</b>	10ppm max
<b>Loss on Drying</b>	0.5% max
<b>Assay</b>	98.0% - 101.0%
<b>Residue on Ignition</b>	0.1% max
<b>NH4</b>	0.02% max
<b>AS2O3</b>	1ppm max
<b>Cl</b>	≤0.2%
<b>Appearance</b>	White crystalline powder
<b>Heavy metals (as Pb)</b>	10ppm max
<b>State of Solution</b>	95.0% min