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# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Alanine
<b>Product No</b>	22302418
<b>CAS Number</b>	56-41-7
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	89.09
	<b>Specification</b>
<b>Specific rotation</b>	+13.7 to +15.1
<b>Heavy metals</b>	<0.0015%
<b>pH</b>	5.5 - 7
<b>SO4</b>	<0.03%
<b>Loss on Drying</b>	<0.2%
<b>Assay</b>	98.5 - 101.5%
<b>Iron</b>	<0.003%
<b>Residue on Ignition</b>	<0.15%
<b>Particle Size</b>	200um
<b>Cl</b>	<0.05%
<b>Appearance</b>	White crystalline powder
<b>Level of persistent organic pollutants</b>	No pollutants