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# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Asparagine anhydrous
<b>Product No</b>	15650008
<b>CAS Number</b>	70-47-3
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	132.12
	<b>Specification</b>
<b>Specific rotation</b>	+34.2 to +36.5
<b>Heavy metals</b>	<10ppm
<b>AS</b>	<1ppm
<b>pH</b>	4.4 - 6.4
<b>SO4</b>	<0.020%
<b>Fe</b>	<10ppm
<b>Loss on Drying</b>	<0.5%
<b>Assay</b>	99 - 101%
<b>NH4</b>	<0.10%
<b>Cl</b>	<0.020%
<b>Appearance</b>	White crystalline powder
<b>State of Solution</b>	>98%