

## Product Specification

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Product Name:	L-Asparagine, anhydrous
Grade:	USP
Product Code:	A94341
Formula:	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>
MW:	132.12
CAS#:	70-47-3

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### Test Items

### Specifications

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Appearance	White crystals or crystalline powder
Identification	Conforms
Assay	98.5% - 101%
Loss on drying	≤0.5%
Residue on ignition	≤0.1%
Specific rotation	+34.2 - +36.50°
Sulfate	≤0.02%
Chloride	≤0.02%
Heavy metals	≤10ppm
Iron	≤10ppm
Arsenic	≤2ppm

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Recommended Retest Period: 2 Years

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Storage Condition: 18 – 25°C

*Rev 0*

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