

**Product:** L-Asparagine Anhydrous  
**Catalog Number:** 15000

**Formula:** C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>  
**Formula Weight:** 132.12  
**CAS Number:** 70-47-3

**SPECIFICATION**

<u>Test</u>	<u>Specification</u>
Appearance .....	white crystals or crystalline powder
Assay .....	98.50% to 101.00%
Identification (by IR) .....	matches reference spectrum
Loss On Drying .....	NMT 2.0%
Other Amino Acids .....	NMT 1.00%
Residue On Ignition .....	NMT 0.10%
Specific Rotation (dried basis, C=10, 6N HCl) .....	+33.50° to +36.50°
Heavy Metals .....	NMT 10ppm
Arsenic (As) .....	NMT 1ppm
Chloride (Cl) .....	NMT 200ppm
Iron (Fe) .....	NMT 10ppm
Sulfate (SO <sub>4</sub> ) .....	NMT 200ppm

**Additional Information**

Country of Origin .....	USA
Manufacturer Name .....	United Biochemicals
Manufacturing Site .....	6351 Inducon Dr. East Sanborn, New York, 14132 USA
Material is of non-animal, non-human origin.	
Storage Conditions .....	15°C to 30°C