

## Product specification sheet

### : L-ARGININE

**Description** White Crystal or crystalline powder  
Almost odorless, Characteristic taste

#### Specifications

Test	Specification
Identification	Conforms
State of solution	Not less than 98.0%
pH	10.5 to 12.0
Specific rotation (at 20 °C)	+26.9° to +27.9°
Specific rotation (at 25 °C)	+26.3° to +27.7°
Ammonium	Not more than 0.020%
Chloride	Not more than 0.020%
Sulfate	Not more than 0.020%
Iron	Not more than 10 ppm
Heavy metals	Not more than 5 ppm
Lead	Not more than 5 ppm
Arsenic	Not more than 1 ppm
Foreign amino acids	Not more than 0.4%
Loss on drying	Not more than 0.50%
Residue of ignition	Not more than 0.10%
Assay (dry basis)	99.0 to 101.0%
Total Count	Not more than 1,000/g
Yeasts and Molds	Not more than 100/g
Coliform	Negative

**Recommended Storage** Controlled room temperature in tight container  
**Retest date** 3 years from manufacturing date