

**Specification Sheet**

Product Name	L-Arginine Base		
Packing	25Kg/Drum	Shelf Life:	24 Months

<b>Analysis</b>	<b>Specification</b>
Identification	Infrared Absorption
Specific rotation	+26.3° to +27.7°
Loss on drying	not more than 0.5%
Residue on ignition	not more than 0.3%
Chloride	not more than 0.05%
Sulfate	not more than 0.03%
Iron	not more than 0.003%
Heavy metals	not more than 0.0015%
Chromatographic purity	As per USP30 (By TLC)
Individual impurity	≤0.5%
Total impurity	≤2.0%
Organic volatile impurities	Meets the requirements
Assay	98.5 to 101.5%
Conclusion	Material conforms to the USP30 standard.