

## 1104 – L-ARGININE 99%+ PURITY (FREE BASE)

REF NO: TBL/QA/SS/LC/1104	<b>STANDARD SPECIFICATION FOR L-ARGININE 99%+ PURITY (FREE BASE)</b>	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 1104

### PRODUCT PROPERTIES

C.A.S Number	74-79-3
Chemical Formula	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>
Formula weight	174.20
Functional Uses	In Flavoring agent
Standard Packaging	25gm., 100gm. &1kg.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Aq. Soln.)	10.5 – 12.0
Loss on Drying	NMT – 0.1%
Residue on Ignition	NMT – 0.05%
Specific Rotation	+26.2 to +27.2°
Foreign Amino Acid	NMT – 0.3%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

