

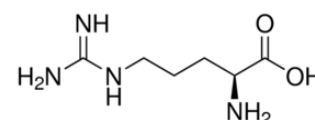


# Product Specification

cdhfinechemical.com

## L-ARGININE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>012295</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(74-79-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>174.20</b>
<b>PROPERTIES</b>	<b>Storage &amp; sensitivity light sensitivity ambient temperatures</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to almost white crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Non aqueous)	98.0%
Specific Rotation ( $\alpha$ ) $\frac{20}{D}$ (C=8 in 6N HCl)	+ 26.2° to + 27.2°

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying (110°C)	0.5%
Sulphated Ash	0.1%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%

<b>Note(s): Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements:</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> ---	<b>IMDG Code :</b> <b>UN No. :</b> <b>IATA :</b>

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

**Hazard Pictogram(s) :-**

Replace Date 30-May-2023