



95173

**L-Lysine (free base) Anhydrous for cell culture,  
98%, Endotoxin (BET) 0.05EU/mg**

Part B1

CAS : 56-87-1

Molecular Formula : C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 146.20

**Specifications**

Appearance (Colour)	White to pale yellow
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% solution in 2N HCl	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless to pale yellow
Assay (NT)	min.98%
Melting Point	213 - 214°C
Specific rotation [?]	+25° to +26° [C=5 , 5N HCl]
Ammonium (NH <sub>4</sub> )	max. 0.01%
Water (KF)	max. 2%
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05EU/mg
Suitability for Cell Culture	Passes test

**General Information**

Storage	2 to 8°C (Refrigerate)
Shelf Life	60 Months
HSN Code	
100 Gms	29224100 (GST 18%)
25 Gms	29224100 (GST 18%)

**Available Packages**

25 Gms  
100 Gms

Disclaimer

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