

# Shine Star (Hubei) Biological Engineering Co., Ltd.

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## SPECIFICATIONS

**Product name: L- Tyrosine**

**CAS no.: 60-18-4**

**Quality standard: EP6**

**Characters: white crystalline powder or colourless crystals,  
very slightly soluble in water**

Test Items	Limit
<b>Identification:</b>	<b>Conforms (As per EP6)</b>
<b>Appearance:</b>	<b>A white or almost white crystalline powder or colorless crystals</b>
<b>Appearance of solution:</b>	<b>Clear and not more intensely colored than reference solution Y<sub>7</sub></b>
<b>Specific rotation:</b>	<b>-11.0° to -12.3°</b>
<b>Ninhydrin-positive substances:</b>	<b>Conforms (As per EP6)</b>
<b>Chlorides:</b>	<b>≤200ppm</b>
<b>Sulfates:</b>	<b>≤300ppm</b>
<b>Ammonium:</b>	<b>≤200ppm</b>
<b>Iron:</b>	<b>≤10ppm</b>
<b>Heavy Metals:</b>	<b>≤10ppm</b>
<b>Loss on Drying:</b>	<b>≤0.5%</b>
<b>Sulphated Ash:</b>	<b>≤0.1%</b>
<b>Assay:</b>	<b>99.0% to 101.0% , on dry</b>

**Packaging and storage:**

**Preserve in well-closed containers and protected from light**