

**Product:** L-Tyrosine, USP Grade  
**Catalog Number:** 87000

**Formula:** C<sub>9</sub>H<sub>11</sub>NO<sub>3</sub>  
**Formula Weight:** 181.19  
**CAS Number:** 60-18-4

### SPECIFICATION

<u>Test</u>	<u>Specification</u>
Assay (on dried basis, HClO <sub>4</sub> titration) .....	98.5% to 101.5%
Chromatographic Purity .....	passes
Identification (by IR) .....	consistent with structure
Loss on Drying (3 hours @ 105°C) .....	NMT 0.3%
Residue On Ignition.....	NMT 0.4%
Specific Rotation (on dried basis C=5, 1N HCl).....	-9.8° to -11.2°
Heavy Metals (as Pb).....	NMT 0.0015%
Chloride (Cl) .....	NMT 0.04%
Iron (Fe) .....	NMT 0.003%
Sulfate (SO <sub>4</sub> ).....	NMT 0.04%

#### Additional Information

Expiration Date.....

This product does not contain animal origin material and was not exposed to animal origin material during the manufacturing process.

Storage Conditions..... 15°C to 30°C