

## Technical Information

### L-Tyrosine (From animal source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1122 M

### Product Information

Product Code	: TC1122 M
Product Name	: L-Tyrosine, Cell Culture Tested
Synonym	: L-3-[4-Hydroxyphenyl]alanine
Molecular Formula	: C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular Weight	: 181.19
CAS No.	: 60-18-4

### Technical Specification

Appearance	: Colourless or white to off-white crystals or crystalline powder
Solubility	: 33.3 mg soluble in 1 mL of 1N hydrochloric acid.
Minimum Assay (NT on dry basis)	: 99.00 – 101.00 %
Specific rotation (c= 5% in 1 N Hydrochloric acid at 25 <sup>o</sup> C)	: -12.30 <sup>o</sup> to – 9.80 <sup>o</sup>
Chloride (Cl)	: <= 0.04%
Iron (Fe)	: <= 0.003%
Sulphate (SO <sub>4</sub> )	: <= 0.04%
Loss on drying (at 105 <sup>o</sup> C, 2hr)	: <= 0.50%
Cell Culture Test	: Passes test

### GHS Safety Information

Hazard Statement(s)	: H315-H319-H335
Precautionary Statement(s)	: P261-P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	



Animal Cell  
Culture Tested



## Product Specification

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### Risk And Safety Information

R-Phrase (s)	: 36/37/38
S-Phrase (s)	: 26
WGK	: 1
RTECS	: YP2275600
Storage Temperature(°C)	: Store below 30°C

### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.