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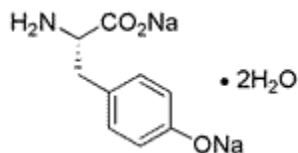
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00436

Product

L-Tyrosine disodium salt dihydrate
Non-animal/Non-human Origin

L-3-(4-Hydroxyphenyl)alanine disodium salt dihydrate

(S)-3-(4-Hydroxyphenyl)alanine disodium salt dihydrate

CAS Number 122666-87-9

Molecular Formula C₉H₉NO₃Na₂•2H₂O

Molecular Weight 261.19

Appearance Yellowish to tan powder

Solubility Clear and complete solution (1% in Water)

Heavy Metals ≤ 15 ppm

Water Content (Karl Fisher) 12-16%

pH 10.5-11.5 (1% solution in H₂O at 25 °C)

Optical Rotation [α]_D²⁰ = -12.6 to -14.4° (C=4 in Water)

Infrared Spectrum Conforms to structure

Bioburden Level ≤ 100 cfu/g

Endotoxin Test ≤ 0.04 EU/mg (1% solution in H₂O)

Related Substances Guanine: ≤ 0.05%

Assay by titration ≥ 99% (Dried basis)

Storage Store at RT

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For Laboratory Use Only