



NIPPON RIKA

NIPPON RIKA CO.,LTD.

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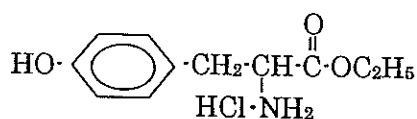
LTE-NRY-SPC2

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PRODUCT SPECIFICATION

Nippon Rika's Master Specification

L-Tyrosine Ethylester Hydrochloride



Molecular Formula : $C_{11}H_{15}NO_3 \cdot HCl$

Molecular Weight : 245.71

CAS Reg. Number : [4089-07-0]

Description :

L-Tyrosine Ethylester Hydrochloride occurs as white crystalline powder.

Identification:

Ninhydrin reaction : a purple to red-purple color develops.

Specification :

Specific Rotation $[\alpha]_D^{20}$ (C=5, EtOH)-----	+27.0° to +29.0°
State of solution (5w/v%, H ₂ O)-----	Colorless and clear
Loss on drying (in vacuum, silica gel, 24hr)-----	Not more than 0.5%
Residue on ignition (as sulfate)-----	Not more than 0.10%
Assay (HPLC)-----	Not less than 98.0%
Related substances	
Tyrosine(HPLC)-----	Not more than 2.0%
pH-----	3.0 ~ 4.5