

Specification

Technical Data Sheet

CAS 122666-87-9	STORAGE Ambient	MOLECULAR WEIGHT 261.18
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PRODUCT**L-Tyrosine disodium salt dihydrate (Adv.)**

Product number	90035607
CAS number	122666-87-9
Molecular formula	C ₉ H ₉ NO ₃ ·2Na·2H ₂ O
Molecular weight	261.18 g/mol

PARAMETER	SPECIFICATION
Appearance	Off white to yellowish powder
pH	10.5 - 11.5 (1% aq.)
Specific rotation	-14.4 to -12.6°
APHA	≤ 200 (1% aq.)
Assay (Titration)	98.0 - 102.0%
Bioburden	≤ 100 CFU/g
Endotoxin	≤ 0.04 EU/mg
Heavy Metals (Pb)	≤ 15ppm
Identification (RAMAN)	Conforms to reference
Solubility 1.0% Solution in H₂O, 25°C	Clear, complete and pale yellow solution
Solubility 10% Solution in H₂O	Clear, complete yellow solution
Water (KF)	12.0 - 16.0%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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