



# Product Specification



Material	VWRB87058-5KG
Material description	L-Tyrosine disodium salt dihydrate
CAS Number	122666-87-9
Molecular formula	C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub> Na <sub>2</sub> ·2H <sub>2</sub> O
Molecular mass	261.19
Storage	Store between 15 °C and 30 °C.

Characteristics	Specifications
Assay (titration; dried basis)	≥ 98.0 %
Appearance	Light tan powder
DNases	None detected
Identification (IR) (correlation)	90 - 100 %
Proteases	None detected
RNases	None detected
Solubility in water (10 %)	Clear, yellow, complete
pH (25°C; 1 %)	10.5 - 11.5
Spec.opt.rot. (20°C;4g/100 ml;free base)	-14.4 - -12.6 °
Heavy metals (as Pb)	≤ 15 ppm
Water (KF)	≤ 16.0 %
Bioburden	≤ 100 CFU/g
Cytotoxicity	Passes test
Endotoxin (1 %)	≤ 0.04 EU/mg
Country of origin	USA
Source (non-animal/non-human derived)	Confirmed

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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