

<b>Catalog Number:</b>	<b>VWRB87058-1KG; VWRB87058-5KG; VWRB87058-25KG</b>
<b>Catalog description:</b>	<b>L-TYROSINE DISODIUM DIHYDRATE</b>
<b>Grade:</b>	<b>Bioreagent</b>
<b>Formula:</b>	<b>C<sub>9</sub>H<sub>9</sub>NO<sub>3</sub>Na<sub>2</sub>•2H<sub>2</sub>O</b>
<b>Formula Weight:</b>	<b>261.19</b>
<b>CAS Number:</b>	<b>122666-87-9</b>

Characteristics	Specifications
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Appearance.....	Off-white to light tan powder
Assay (On dried basis, by titration) .....	NLT 98.0%
Identification (by IR) .....	conforms to structure
pH (1% solution in H <sub>2</sub> O @ 25°C).....	10.5 to 11.5
Solubility (1.0% solution in H <sub>2</sub> O) .....	Clear, complete, yellow in color
Specific Rotation (C=4g/100 mL H <sub>2</sub> O, calculated as free acid) .....	-12.6° to -14.4°
Water (by Karl Fischer) .....	NMT 16.0%
Heavy Metals (as Pb).....	NMT 15 ppm
Bioburden.....	NMT 100 CFU/g
Cytotoxicity.....	passes
Endotoxin (1% solution in H <sub>2</sub> O).....	NMT 0.04 EU/mg
DNase .....	none detected
RNase .....	none detected
Protease.....	none detected

L-Tyrosine raw material has been tested for Guanine content and shown to be not more than 0.05%

### Additional Information

Material is hygroscopic. Store in tightly closed container in dry area.

Material is of non-animal, non-human origin.

Country of Origin.....USA

Storage Conditions.....15°C to 30°C