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Certificate of Analysis

Catalogue Number	04656
Product	L-Tryptophan β-naphthylamide
Lot Number	000127-1058958 L-Trp- β NA
CAS Number	3326-63-4
Molecular Formula	C ₂₁ H ₁₉ N ₃ O
Molecular Weight	329.38

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Acetic acid 80%)
Elemental Analysis (Found)	C = 76.4% ; H = 5.7%; N = 12.7%
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Ethylacetate/Pyridine/Acetic Acid/Water (60:20:6:11) Chloroform/Methanol/Acetic Acid (77.5:15:7.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, Chlorine-Tolidine
Optical Rotation	$[\alpha]_D^{24} = +85.0^\circ$ (C=1 in MeOH)
Assay	99.8% (Nth 12.76%, Nfd 12.73%)
Purity by TLC	> 99%
Storage	Store at 0-8°C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager