

CERTIFICATE OF ANALYSIS

PRODUCT NAME: N-Acetyl-DL-tryptophan,98%

ITEM NUMBER: A100466
BRAND: Aladdin
CAS NUMBER: 87-32-1
MDL NUMBER: MFCD00005644
FORMULA: C₁₃H₁₄N₂O₃
MOLECULAR WEIGHT: 246.26

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Yellow Powder		
Carbon(C)	62.1 %	64.7 %	64.7 %
Infrared spectrum	Conforms to Structure		
Nitrogen	11.1 %	11.6 %	11.6 %
Purity(HPLC)	98 %	100 %	100 %
Solubility in 1N NaOH	almost transparency,25mg/ml		
Solubility in Methanol	almost transparency		
Specific rotation [α] ₂₀ /D(C=2.5, Methanol)	-1 °	-1 °	-1 °
Tryptophan	0 %	0.1 %	0.1 %