

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 18:04:43

Date of Next Testing: 2024-01-25 18:04:43

Product Name: **D-Kynurenine**

CAS Number: 13441-51-5

Specifications & Purity: 98%

Lot #: E1808152

SKU #: **S138168****Analysis: 070323**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.43000 %
Specific Rotation [α] ₂₀ /D(c=0.1 in H ₂ O)	27-33 (°)	32.00°
Water by Karl Fischer	0-5 (%)	4.61 %
Appearance (S138168)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 M HCl , Faint Yellow to Yellow-Green, Clear, 50 mg/ml	pass	Pass

John Su
QA & QC Manager