

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-23 09:55:43  
Date of Next Testing: 2027-05-22 09:55:43  
Product Name: **5-Hydroxy-L-tryptophan**  
CAS Number: 4350-09-8  
Specifications & Purity: 99%  
Lot #: E23101107  
SKU #: **H111084**  
**Analysis:** **161745**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.71200 %
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Water by Karl Fischer	0-1 (%)	0.50 %
Sulfate Ash	0-0.3 (%)	0.13 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-35--31 (°)	-31.05 °
Appearance (H111084)	White to Beige Powder	white to beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager