

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-10 10:22:29
 Date of Next Testing: 2026-05-09 10:22:29
 Product Name: **3-Amino-L-tyrosine dihydrochloride monohydrate**
 CAS Number: 23279-22-3
 Specifications & Purity: $\geq 98\%$
 Lot #: G1819011
 SKU #: **A117064**
 Version: **0**
 Analysis #: **089827**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.40000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-2.2--1.2 (°)	-2.10000 °
Water by Karl Fischer	5.5-8.5 (%)	8.20000 %
Appearance (A117064)	white to grey powder or crystals	white to grey powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager