

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 11:15:05
 Date of Next Testing: 2027-08-13 11:15:05
 Product Name: **(R)-(-)-3-Aminopiperidine dihydrochloride**
 CAS Number: 334618-23-4
 Specifications & Purity: $\geq 98\%$
 Lot #: J1925128
 SKU #: **A119349**
 Version: **0**
 Analysis #: **263589**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.25000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-3--1 (°)	-2.40500 °
Melting point	206-210 (°C)	206.11000 °C
Appearance (A119349)	white to tan powder, crystals and/or chunks	white to tan powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager