

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-15 11:50:38
 Date of Next Testing: 2027-06-14 11:50:38
 Product Name: **1-(2-Pyrimidyl)piperazine Dihydrochloride**
 CAS Number: 94021-22-4
 Specifications & Purity: $\geq 98\%$
 Lot #: F2308608
 SKU #: **P160729**
 Version: **1**
 Analysis #: **218316**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.69200 %
Purity(on anhydrous substance) (argentometric titration)	97.5-102.5 (%)	100.46000 %
Appearance(P160729)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager