

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-06 13:36:14
 Date of Next Testing: 2028-12-05 13:36:14
 Product Name: **Piperazinehydroiodide**
 CAS Number: 56310-12-4
 Specifications & Purity: $\geq 99.5\%$ (4 Times Purification)
 Lot #: L2402561
 SKU #: **P494138**
 Version: **2**
 Analysis #: **440266**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)(As drybase)	99-101 (%)	99.54000 %
Appearance(P494138)	White to Off-white to light yellow powder or crystals	White to Off-White to Light yellow Powder or Crystals
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager