

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-23 09:21:02  
Date of Next Testing: 2029-05-22 09:21:02  
Product Name: **Piperazine Dihydriodide**  
CAS Number: 58464-47-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: E2519397  
SKU #: **P160640**  
Version: **1**  
Analysis #: **507588**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.49000 %
Appearance (P160640)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager