

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-29 18:59:28
 Date of Next Testing: 2027-05-19 18:59:28
 Product Name: **Hexadecylpyridinium bromide**
 CAS Number: 140-72-7
 Specifications & Purity: $\geq 96\%$
 Lot #: E2516447
 SKU #: **H108698**
 Version: **1**
 Analysis #: **389397**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.7-65.7 (%)	62.86000 %
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.47000 %
Purity(Titration by AgNO ₃)(anhydrous basis)	96-100 (%)	97.97000 %
Water by Karl Fischer	0-6 (%)	4.32000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (H108698)	off-white powder	White to Almost white powder to crystal
Solubility in EtOH , Colorless to Faint Yellow Clear(C = 5%)	pass	Pass



John Su
QA & QC Manager