

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-06 15:13:17
 Date of Next Testing: 2028-05-26 15:13:17
 Product Name: **Hexadecylpyridinium bromide**
 CAS Number: 140-72-7
 Specifications & Purity: $\geq 96\%$
 Lot #: F2602044
 SKU #: **H108698**
 Version: **1**
 Analysis #: **719353**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.7-65.7 (%)	62.70000 %
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.30000 %
Purity(Titration by AgNO ₃)(anhydrous basis)	96-100 (%)	96.50000 %
Water by Karl Fischer	0-6 (%)	4.33100 %
Appearance (H108698)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Faint Yellow Clear(C = 5%)	pass	Pass



John Su
QA & QC Manager