

Certificate of Analysis

Date of Testing: 2023-08-02 14:55:20
Date of Next Testing: 2025-07-22 14:55:20
Product Name: **Hexadecylpyridinium bromide**
CAS Number: 140-72-7
Specifications & Purity: 96%
Lot #: K2111456
SKU #: **H108698**
Analysis: **258719**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.7-65.7 (%)	63.25 %
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.50 %
Purity(Titration by AgNO ₃)(anhydrous basis)	96-100 (%)	97.69 %
Water by Karl Fischer	0-6 (%)	2.64 %
Appearance (H108698)	off-white powder	off-white powder
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