

Certificate of Analysis

Date of Testing: 2024-09-13 16:32:15
Date of Next Testing: 2026-09-03 16:32:15
Product Name: **Hexadecylpyridinium bromide**
CAS Number: 140-72-7
Specifications & Purity: 96%
Lot #: I2405241
SKU #: **H108698**
Version: **0**
Analysis #: **336465**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.54 %
Water by Karl Fischer	0-6 (%)	5.09 %
Carbon by Elemental Analysis	62.7-65.7 (%)	62.85 %
Purity(Titration by AgNO ₃)(anhydrous basis)	96-100 (%)	96.03 %
Solubility in EtOH , Colorless to Faint Yellow Clear(C = 5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (H108698)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager