

Certificate of Analysis

Date of Testing: 2023-03-03 18:35:21
Date of Next Testing: 2025-02-20 18:35:21
Product Name: **Hexadecylpyridinium bromide**
CAS Number: 140-72-7
Specifications & Purity: 96%
Lot #: B2328669
SKU #: **H108698**
Analysis: **159358**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.65 %
Purity(Titration by AgNO ₃)(anhydrous basis)	96-100 (%)	99.46 %
Water by Karl Fischer	0-6 (%)	4.97 %
Carbon by Elemental Analysis	62.7-65.7 (%)	63.52 %
Appearance (H108698)	off-white powder	off-white powder
Solubility in EtOH , Colorless to Faint Yellow Clear(C = 5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager