

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-05 10:20:43
 Date of Next Testing: 2030-06-04 10:20:43
 Product Name: **Hexadecylpyridinium chloride monohydrate**
 CAS Number: 6004-24-6
 Specifications & Purity: $\geq 98\%$
 Lot #: E2621387
 SKU #: **H108696**
 Version: **1**
 Analysis #: **704570**
 Storage Temperature: Room temperature, Cool

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	101.03000 %
Melting point	81-86 (°C)	85.33000 °C
Free amine and amine salts	0-0.05 (%)	0.04000 %
Water by Karl Fischer	4.5-5.5 (%)	5.48000 %
Appearance (H108696)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager