

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-08 17:15:34
 Date of Next Testing: 2029-09-07 17:15:34
 Product Name: **1,1'-Diheptyl-4,4'-bipyridinium Dibromide [for Electrochromic Material]**
 CAS Number: 6159-05-3
 Specifications & Purity: $\geq 98\%$ (HPLC)(T)
 Lot #: I2505034
 SKU #: **D154605**
 Version: **0**
 Analysis #: **573896**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.52600 %
Appearance (D154605)	Yellow to Green Solid, Powder or Crystals	Yellow to Green Solid, Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager