

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-28 09:20:09

Date of Next Testing: 2028-12-27 09:20:09

Product Name: **4,4'-Bipyridine**

CAS Number: 553-26-4

Specifications & Purity: $\geq 98\%$

Lot #: L2417642

SKU #: **B105217**Version: **1**Analysis #: **426724**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	100.86 %
Purity(GC)	98-100 (%)	98.86 %
Melting point	111-114 (°C)	113.83000 °C
Appearance (B105217)	white to tan to yellow powder,crystals and/or chunks	white to tan to yellow powder,crystals and/or chunks
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager