

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-07 15:19:14

Date of Next Testing: 2026-02-06 15:19:14

Product Name: **Diethyl [2,2'-Bipyridine]-5,5'-dicarboxylate**

CAS Number: 1762-46-5

Specifications & Purity: $\geq 98\%$

Lot #: B2301482

SKU #: **D404219**

Version: **2**

Analysis #: **135072**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.37900 %
Melting point	148-152 (°C)	149.52000 °C
Appearance(D404219)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager