

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 18:15:56  
Date of Next Testing: 2027-07-12 18:15:56  
Product Name: 4,4'-Di-tert-butyl-2,2'-dipyridyl  
CAS Number: 72914-19-3  
Specifications & Purity: 98%  
Lot #: G23111161  
SKU #: D119895  
**Analysis: 172809**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	77.7-82.6 (%)	80.64 %
Nitrogen by Elemental Analysis	10-10.7 (%)	10.54 %
Purity(HPLC)	98-100 (%)	99.27900 %
Melting point	159-163 (°C)	160.07000 °C
Appearance (D119895)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager