

Certificate of Analysis

Date of Testing: 2023-03-04 15:19:42
Date of Next Testing: 2025-02-21 15:19:42
Product Name: **4,4'-Bipyridine**
CAS Number: 553-26-4
Specifications & Purity: analytical standard , anhydrous
Lot #: B2328374
SKU #: **B105218**
Analysis: **189655**

| Parameter | Limit Values | Result |
|-----------------------|-------------------------|-------------------------|
| Water by Karl Fischer | 0-0.1 (%) | 0.07 % |
| Purity(GC) | 99-100 (%) | 99.91 % |
| Appearance (B105218) | Off-White to Tan Powder | Off-White to Tan Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager