

Certificate of Analysis

Date of Testing: 2022-08-06 11:17:28
Date of Next Testing: 2024-08-05 11:17:28
Product Name: **2,2'-Biquinoline-4,4'-dicarboxylic acid dipotassium salt trihydrate**
CAS Number: 207124-63-8
Specifications & Purity: $\geq 99\%$
Lot #: H2203172
SKU #: **B138461**
Analysis: **088386**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.8-51.4 (%)	50.37%
Water by Karl Fischer	9-13.8 (%)	11.76%
Purity(HPLC)	98-100 (%)	98.92400%
Nitrogen by Elemental Analysis	5.7-6.1 (%)	5.71%
Appearance (B138461)	white to beige powder or crystals	white to beige powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager