

Certificate of Analysis

Date of Testing: 2023-03-10 18:02:37
Date of Next Testing: 2027-03-09 18:02:37
Product Name: **3,3',4,4'-Biphenyltetracarboxylic dianhydride**
CAS Number: 2420-87-3
Specifications & Purity: 97%
Lot #: C2303396
SKU #: **B109610**
Version: **0**
Analysis #: **189173**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Morpholine Titration by HCl)	96.5-103.5 (%)	101.85 %
Melting point	299-305 (°C)	300.90000 °C
Purity(HPLC)	97-100 (%)	98.81400 %
Appearance (B109610)	white to yellow or brown powder	white to yellow or brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot DMF	almost transparency	almost transparency



John Su
QA & QC Manager