

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-22 16:11:17
 Date of Next Testing: 2027-11-21 16:11:17
 Product Name: **1,3-Bis(N-carbazolyl)benzene (mCP)**
 CAS Number: 550378-78-4
 Specifications & Purity: $\geq 98\%$
 Lot #: K2317091
 SKU #: **B121604**
 Version: **0**
 Analysis #: **291242**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	85.1-91.3 (%)	88.05000 %
Nitrogen by Elemental Analysis	6.6-7.1 (%)	6.90000 %
Purity(total nitrogen)	98-100 (%)	98.87000 %
Purity(HPLC)	98-100 (%)	98.51500 %
Melting point	182-186 (°C)	182.10000 °C
Appearance (B121604)	White to Tan Solid	White to Tan Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager