

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 08:45:26  
Date of Next Testing: 2027-02-20 08:45:26  
Product Name: **N,N,N',N'-Tetrakis(4-biphenyl)benzidine**  
CAS Number: 164724-35-0  
Specifications & Purity: >98.0%(HPLC)  
Lot #: B2316368  
SKU #: **N159577**  
Analysis: **131215**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.13300 %
Purity( total nitrogen )	95-100 (%)	98.76 %
Appearance (N159577)	White to Light yellow to Green powder to crystal	white to light yellow to green powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager