

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-25 10:58:37
 Date of Next Testing: 2029-03-24 10:58:37
 Product Name: N,N,N',N'-Tetraphenyl[1,1':4',1'':4'',1'''-quaterphenyl]-4,4'''-diamine
 CAS Number: 145898-89-1
 Specifications & Purity: ≥98%
 Lot #: C2624467
 SKU #: T292628
 Version: 1
 Analysis #: 674478
 Storage Temperature: Room temperature, Cool

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.84000 %
Purity(with Total Nitrogen)	98-102.5 (%)	98.61900 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(T292628)	White to Off white to Orange to Green powder to crystal	White to off white to Orange to Green powder to crystal



John Su
QA & QC Manager