

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-17 15:52:33  
Date of Next Testing: 2026-01-16 15:52:33  
Product Name: **N-Phenyl-4-biphenylamine**  
CAS Number: 32228-99-2  
Specifications & Purity: 98%  
Lot #: A2212105  
SKU #: **P121325**  
**Analysis:** **070431**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.30%
Melting point	111-115 (°C)	113.30000 °C
Appearance (P121325)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



John Su  
QA & QC Manager