

## Certificate of Analysis

Date of Testing: 2024-03-09 17:06:11  
Date of Next Testing: 2028-03-08 17:06:11  
Product Name: **N-Phenyl-4-biphenylamine**  
CAS Number: 32228-99-2  
Specifications & Purity: 98%  
Lot #: C2404387  
SKU #: **P121325**  
**Analysis:** **298709**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	111-115 (°C)	114.72000 °C
Purity(GC)	98-100 (%)	99.04%
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