

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-27 17:58:58  
 Date of Next Testing: 2030-04-26 17:58:58  
 Product Name: **N-Phenyl-1-naphthylamine(NPN)**  
 CAS Number: 90-30-2  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: D2623378  
 SKU #: **P110559**  
 Version: **0**  
 Analysis #: **690479**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                                                               | Limit Values                                                                                                 | Result                                                                                                       |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Purity(GC)                                                              | 98-100 (%)                                                                                                   | 99.88700 %                                                                                                   |
| Melting point                                                           | 59-63 (°C)                                                                                                   | 61.18000 °C                                                                                                  |
| Appearance (P110559)                                                    | Light yellow to Brown to Very Dark Brown and Light Red to Very Dark Red Granules, Crystals, Powder or chunks | Light yellow to Brown to Very Dark Brown and Light Red to Very Dark Red Granules, Crystals, Powder or chunks |
| Solubility in 95% EtOH , Faint Yellow to Yellow and Orange, Clear, c=5% | pass                                                                                                         | Pass                                                                                                         |
| Infrared spectrum                                                       | Conforms to Structure                                                                                        | Conforms to Structure                                                                                        |



John Su  
QA & QC Manager