

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-06 16:14:34

Date of Next Testing: 2029-08-05 16:14:34

Product Name: **Phthalohydrazide**

CAS Number: 3645-45-2

Specifications & Purity:  $\geq 98\%$

Lot #: H2505644

SKU #: **P768587**

Version: **1**

Analysis #: **545604**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)              | 98-100 (%)            | 99.57300 %            |
| Nitrogen by Elemental Analysis | 27.71-29.4 (%)        | 28.69300 %            |
| NMR Spectrum 1H                | Conforms to Structure | Conforms to Structure |
| LC-MS for identification       | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager