

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-17 10:15:14

Date of Next Testing: 2026-12-16 10:15:14

Product Name: **5-Amino-2-indolinone**

CAS Number: 20876-36-2

Specifications & Purity: 97%

Lot #: L2208217

SKU #: **A124824**

**Analysis:** **147435**

Storage Temperature: Protected from light, Argon charged

| Parameter                   | Limit Values                         | Result                               |
|-----------------------------|--------------------------------------|--------------------------------------|
| Purity(NonaqueousTitration) | 96.5-103.5 (%)                       | 100.62 %                             |
| Melting point               | 196-200 (°C)                         | 199.84000 °C                         |
| Purity(HPLC)                | 97-100 (%)                           | 98.46300 %                           |
| Proton NMR spectrum         | Conforms to Structure                | Conforms to Structure                |
| Appearance(A124824)         | White to Brown powder to crystalline | White to Brown powder to crystalline |

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

John Su  
QA & QC Manager