

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-19 18:01:12

Date of Next Testing: 2026-07-18 18:01:12

Product Name: **tert-butyl 4-formyl-1h-pyrazole-1-carboxylate**

CAS Number: 821767-61-7

Specifications & Purity:  $\geq 97\%$

Lot #: G23131444

SKU #: **T177525**

Version: **1**

Analysis #: **240767**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC area)   | 97-100 (%)            | 99.74 %               |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager