

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-29 16:09:42

Date of Next Testing: 2027-08-28 16:09:42

Product Name: **2,3-Pyrazinedicarboxylic anhydride**

CAS Number: 4744-50-7

Specifications & Purity:  $\geq 97\%$

Lot #: H1503079

SKU #: **P124228**

Version: **0**

Analysis #: **259914**

Storage Temperature: Room temperature

| Parameter                | Limit Values                      | Result                            |
|--------------------------|-----------------------------------|-----------------------------------|
| Purity(HPLC)             | 97-100 (%)                        | 98.99600 %                        |
| Purity(Titration by HCl) | 96.5-100 (%)                      | 99.30000 %                        |
| Appearance (P124228)     | white to brown crystals or powder | white to brown crystals or powder |
| Infrared spectrum        | Conforms to Structure             | Conforms to Structure             |
| NMR spectrum             | Conforms to Structure             | Conforms to Structure             |



John Su  
QA & QC Manager