

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-16 18:21:16

Date of Next Testing: 2026-10-16 18:21:16

Product Name: **3-Methylxanthine**

CAS Number: 1076-22-8

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: J2410628

SKU #: **M137994**

Version: **1**

Analysis #: **422536**

Storage Temperature: Room temperature

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Nitrogen by Elemental Analysis | 32.8-34.6 (%)                   | 33.03000 %                      |
| Purity(HPLC)                   | 98-100 (%)                      | 99.60000 %                      |
| Carbon by Elemental Analysis   | 42.3-44.5 (%)                   | 42.50000 %                      |
| Appearance (M137994)           | White to Yellow Powder or Solid | White to Yellow Powder or Solid |
| Proton NMR spectrum            | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager