

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-22 11:45:27

Date of Next Testing: 2027-02-21 11:45:27

Product Name: **1-Methylxanthine**

CAS Number: 6136-37-4

Specifications & Purity:  $\geq 97\%$ (HPLC)

Lot #: B2311735

SKU #: **M123213**

Version: **0**

Analysis #: **145312**

Storage Temperature: Room temperature

| Parameter            | Limit Values                                                                  | Result                                                                        |
|----------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Purity(HPLC)         | 97-100 (%)                                                                    | 97.58300 %                                                                    |
| Proton NMR spectrum  | Conforms to Structure                                                         | Conforms to Structure                                                         |
| Appearance (M123213) | Light yellow to Light brown to Brown to Dark green powder to crystal to solid | Light yellow to Light brown to Brown to Dark green powder to crystal to solid |
| Infrared spectrum    | Conforms to Structure                                                         | Conforms to Structure                                                         |



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QA & QC Manager