

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-16 16:53:41

Date of Next Testing: 2026-05-15 16:53:41

Product Name: **2-Methyl-4-isothiazolin-3-one(MIT)**

CAS Number: 2682-20-4

Specifications & Purity: 95%

Lot #: E2211033

SKU #: **M110103**

**Analysis:** **085511**

Storage Temperature: Argon charged

| Parameter                      | Limit Values                                     | Result                                           |
|--------------------------------|--------------------------------------------------|--------------------------------------------------|
| Water by Karl Fischer          | 0-5 (%)                                          | 0.10 %                                           |
| Purity(GC)                     | 95-100 (%)                                       | 99.90 %                                          |
| Nitrogen by Elemental Analysis | 11-12.7 (%)                                      | 12.40 %                                          |
| Carbon by Elemental Analysis   | 39.1-42.2 (%)                                    | 41.80 %                                          |
| Oxygen                         | 12.7-14.4 (%)                                    | 13.92 %                                          |
| Appearance (M110103)           | White to Yellow to Brown Liquid/Semi-Solid/Solid | White to Yellow to Brown Liquid/Semi-Solid/Solid |
| Proton NMR spectrum            | Conforms to Structure                            | Conforms to Structure                            |



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QA & QC Manager