

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-01 13:31:00

Date of Next Testing: 2027-12-01 13:31:00

Product Name: **Thiazol Orange**

CAS Number: 107091-89-4

Specifications & Purity: Dye content, ~90%

Lot #: K2527570

SKU #: **T131378**

Version: **1**

Analysis #: **600858**

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

| Parameter            | Limit Values                                    | Result                                          |
|----------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC area)    | 90-100 (%)                                      | 99.92600 %                                      |
| Appearance (T131378) | Orange to red-orange powder                     | Orange to red-orange powder                     |
| Proton NMR spectrum  | Conforms to Structure                           | Conforms to Structure                           |
| Substrate Test       | Suitable as fluorescent stain for nucleic acids | Suitable as fluorescent stain for nucleic acids |



John Su  
QA & QC Manager