

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-15 11:25:07

Date of Next Testing: 2029-05-14 11:25:07

Product Name: **Thidiazuron**

CAS Number: 51707-55-2

Specifications & Purity: for plant cell culture

Lot #: E2508384

SKU #: **T100902**

Version: **1**

Analysis #: **497766**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	24.8-26.1 (%)	25.46500 %
Purity(HPLC)	98-100 (%)	99.20000 %
Carbon by Elemental Analysis	47.8-50.3 (%)	49.05300 %
Appearance (T100902)	White to Light Yellow to Light Beige Powder or Crystals	White to Light Yellow to Light Beige Powder or Crystals
Solubility in DMSO , clear ,50mg/ml in DMSO	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass



John Su
QA & QC Manager