

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 14:22:35
Date of Next Testing: 2029-08-19 14:22:35
Product Name: **Thidiazuron**
CAS Number: 51707-55-2
Specifications & Purity: for plant cell culture
Lot #: K2108445
SKU #: **T100902**
Version: **1**
Analysis #: **557227**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	24.8-26.1 (%)	25.81 %
Purity(HPLC)	98-100 (%)	98.08610 %
Carbon by Elemental Analysis	47.8-50.3 (%)	49.25 %
Appearance (T100902)	White to Light Yellow to Light Beige Powder or Crystals	White to Light Yellow to Light Beige Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in DMSO , clear ,50mg/ml in DMSO	Conforms	Conforms



John Su
QA & QC Manager