

## Certificate of Analysis

Date of Testing: 2023-12-14 10:43:53

Date of Next Testing: 2027-12-13 10:43:53

Product Name: **Thidiazuron**

CAS Number: 51707-55-2

Specifications & Purity: for plant cell culture

Lot #: L2306068

SKU #: **T100902**

**Analysis: 007346**

Parameter	Limit Values	Result
carbon (XRF)	47.8-50.3 (%)	49.50 %
Purity(HPLC)	98-100 (%)	98.08630 %
Nitrogen by Elemental Analysis	24.8-26.1 (%)	25.81 %
Carbon by Elemental Analysis	47.8-50.3 (%)	49.25 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in DMSO , clear ,50mg/ml in DMSO	Conforms	Conforms
Appearance (T100902)	White to Light Yellow to Light Beige Powder or Crystals	White to Light Yellow to Light Beige Powder or Crystals



John Su  
QA & QC Manager