

## Certificate of Analysis

Date of Testing: 2023-09-04 15:57:33  
Date of Next Testing: 2027-09-03 15:57:33  
Product Name: **Thidiazuron**  
CAS Number: 51707-55-2  
Specifications & Purity: for plant cell culture  
Lot #: H2331077  
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



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QA & QC Manager