

PRODUCT IDENTITY

PRODUCT NAME	Thidiazuron	PRODUCT NUMBER	T100902
Grades & Purity	for plant cell culture	VERSION	3
CAS NUMBER	51707-55-2	FORMULA	C ₉ H ₈ N ₄ OS
FORMULA WEIGHT	220.25g/mol		

ACCEPTANCE CRITERIA

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