



CERTIFICATE OF ANALYSIS

Bottled in the District of Columbia, United States of America; **January 2024**

THIDIAZURON

Product Description : Thidiazuron (TDZ)
Product Number :
Batch Number : 20240102
CAS Number : 51707-55-2
Formula : $C_9H_8N_4OS$
Molecular Weight : 220.3
Shelf Life : January 2027
Storage Temperature : 2-8°C.

TEST	SPECIFICATION	RESULTS
Physical Appearance/Texture; Solution Appearance/Texture	Yellow/Fine Powder, may form clumps; Colorless/Liquid	PASSES
Purity %	>= 95	97.2
Loss On Drying %	<= 0.5	0.4
pH	5.0-8.0	6.9
Solubility	Soluble in 1N KOH @ 1 mg/mL	PASSES
Insolubility	None.	PASSES
Average Time to Dissolve	Under 1 minute.	PASSES

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and or facilitates plant growth and or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants.	Philodendron	PASSES
	Monstera	PASSES

Plant Cell Technology provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained plant tissue culturist. Plant Cell Technology shall not be held liable for any damage resulting from handling or from contact with the above product.

This product is intended for LABORATORY USE ONLY.

Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

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