

CERTIFICATE OF ANALYSIS

Product Description ORYZALIN
4-(DIPROPYLAMINO)-3,5-DINITROBENZENESULFONAMIDE
Product Number O630
Lot Number 07J63012
Storage Temperature Room Temperature
Molecular Weight 346.36
Formula C₁₂H₁₈N₄O₆S
CAS Number 19044-88-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance		
Color*	2015-20, 2011-20 to 2017-20	2013-20 - Red-orange
Texture	Crystalline Powder	Crystalline Powder
Solution Appearance		
Clarity	Clear	Clear
Color*	2023-20, 2023-10 to 2023-40	2023-20 Dark Yellow
Average Time to Dissolve	Within 5 min	Passes
Precipitation Formation	None	Passes
Purity	>97.5%	98%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

¹ pH dependent on type and amount of solvent used.

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product may not promote tissue growth; tissue necrosis or death is possible. This product is tested for gross phytotoxic effects with two or more plant cell lines at 10 mg/L.	Syngonium	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

Phyto Technology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. Phyto Technology Laboratories 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.

Recommended Shelf Life Date: February 2010



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Dedicated to Growth

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