

CERTIFICATE OF ANALYSIS

Product Description CARBENDAZIM
Product Number C1888
Lot Number AGR1888003
Molecular Weight 191.19
Formula C₉H₉N₃O₂
CAS Number 10605-21-7
Storage Temperature 2-8°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1.0N HCl @ 10 mg/mL	Passes
Physical Appearance Color*	Under Development	PM-4 White Fine Powder
Texture	Under Development	
Solution Appearance Clarity Color	Under Development Under Development	Clear Colorless
Average Time to Dissolve	Under Development	2 min
Insolubles	Under Development	None
FTIR	Conforms to Structure	Passes
Purity	Minimum 97.0%	>97%

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

Biological Testing:

Test Concentration: 0.010 g/L

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	Tobacco Callus	Passes
	Perilla Fantasy	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.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology 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.

Date of Release: 02-September-2022

Recommended Shelf Life Date: September-2025



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