

CERTIFICATE OF ANALYSIS

Product Description MTT
Product Number M565
Lot Number 09L0565006
Storage Temperature 2-8°C
Molecular Weight 414.32
Formula $C_{18}H_{16}N_5SBr$
CAS Number 298-93-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	6.7
Physical Appearance Color*	2019-20 to 2023-20, 2019-30 to 2023-30, or 2019-40 to 2023-40	2023-40 Yellow
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear Yellow to Green	Clear Yellow
Average Time to Dissolve	Within 30 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	99.1%

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

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

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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: 24-March-2020

Recommended Shelf Life Date: March 2023



David S. Hart
Technical Director