

CERTIFICATE OF ANALYSIS

Product Description X-GAL
Product Number X874
Lot Number HAT0874017
Storage Temperature -20°C
Molecular Weight 408.63
Formula C₁₄H₁₅BrClNO₆
CAS Number 7240-90-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder, may form clumps	PM-1 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 99.0%	99.30%


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

The material described in this certificate 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: 10-June-2025

Recommended Shelf-Life Date: June 2028

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician