

CERTIFICATE OF ANALYSIS

Product Description GLYCEROL
 GLYCERIN
Product Number G381
Lot Number 06L38105
Storage Temperature Room Temperature
Molecular Weight 92.09
Formula C₃H₈O₃
CAS Number 56-81-5

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Miscible with Water
pH (Neat)	Under Development	6.21
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear, Viscous Liquid	Clear, Viscous Liquid
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to become Miscible	Within 1 min	Within 1 min
Precipitation Formation	None	None
Heavy Metal	0.0002%	0.0001%
Assay	99.5%	99.78%

Biological Testing:

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures	Boston Fern	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants
	Hosta	Passes—supported plant growth and/or shoot proliferation with no morphological aberrations to plants

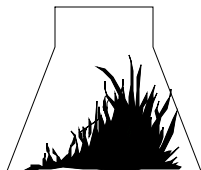
The material described in this certificate was manufactured in the United State of America and is either synthetic or plant derived in nature. No animal components were used in the manufacture of this product.

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: November 2011

Emily Burdick

Quality Assurance Manager



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

Mailing Address: P.O. Box 13481, Shawnee Mission, KS 66282-3481
Phone: 1-888-749-8682 (913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>

Created on 1/15/2007 9:44 AM