

CERTIFICATE OF ANALYSIS

Product Description MURASHIGE & SKOOG MICRONUTRIENT SALT BASE
1x MICRONUTRIENT SALTS
Product Number M554
Lot Number HHT0554019
Storage Temperature -20°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.098 g/L)	Under Development	3.6
Physical Appearance Color*	2023-70 to 2027-70, 2021-50, 2018-60 to 2024-60, or 2153-40	2153-40 Tan
Texture	May have green or brown crystals Fine to Coarse Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	For Information Only (Approx. 6 min)	Passes
Insolubles	None	Passes

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

Biological Testing:


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	Blue Potato	Passes
	Xanthi Tobacco Callus	Passes

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 OR FURTHER MANUFACTURING ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 10-April-2025

Recommended Shelf-Life Date: April 2028

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician