



CERTIFICATE OF ANALYSIS

Product Name: **Murashige & Skoog Basal Salts**
With Macronutrients, Micronutrients, and Vitamins
Without Glycine

MADE IN THE USA

Catalog Number: **MSP02**

Storage: 2 to 8°C

Manufacture Date: MAR-2018

Lot Number: **03180020**

Expiration Date: 31-MAR-2022

Test	Specifications	Results
Appearance	White to Yellow Powder	PASS
Solubility in Water	4.43 g/L in \leq 30 minutes	1 minute
Moisture Content	\leq 2%	< 1%
Particle Size	\geq 80% through 100 mesh	> 80%
pH (<i>measured at 21°C</i>)	3.50 - 4.50	3.87
Osmolality	65 - 100 mM/Kg	91 mM/Kg
Plant Tissue Culture of: <i>Solanum tuberosum</i> <i>Hosta spp.</i> <i>Vitis spp.</i> <i>Tradescantia zebrina</i>	Supports plant growth with no morphological abnormalities	PASS

This product was produced and tested in accordance with all relevant SOP's and meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This Product is intended for Laboratory Use Only.

Prepared by:

Reviewed by:

Kurt Rieben
Quality Control

10-APR-2018

BSE/TSE Declaration

To the present state of our knowledge we declare that this product does not contain any BSE/TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.