



## CERTIFICATE OF ANALYSIS

Product Name: Murashige & Skoog Basal Salts  
With Macronutrients, Micronutrients, Vitamins, and Glycine

MADE IN THE USA

Catalog Number: MSP09

Storage: 2 to 8°C

Manufacture Date: JUN-2019

Lot Number: 06190016

Expiration Date: 30-JUN-2023

Test	Specifications	Results
Appearance	White to Yellow Powder	PASS
Solubility in Water	4.43 g/L in $\leq 30$ minutes	7 minutes
Moisture Content	$\leq 2\%$	$< 1\%$
Particle Size	$\geq 80\%$ through 100 mesh	$\geq 90\%$
pH ( <i>measured at 22°C</i> )	3.5 - 4.5	3.86
Osmolality	65 - 100 mM/Kg	92 mM/Kg
Plant Tissue Culture of: <i>Hosta spp.</i> <i>Vitis spp.</i> <i>Solanum tuberosum</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:

JS

Kurt Rieben 09-JUL-2019  
Quality Control

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.