



## CERTIFICATE OF ANALYSIS

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

MADE IN THE USA

Catalog Number: MSP07

Storage: 2 to 8°C

Manufacture Date: JUN-2017

Lot Number: 06170018

Expiration Date: 30-JUN-2021

Test	Specifications	Results
Appearance	White to Yellow Powder	PASS
Solubility in Water	3.23 g/L in $\leq$ 30 minutes	15 minutes
Moisture Content	$\leq$ 2%	$<$ 1%
Particle Size	$\geq$ 80% through 100 mesh	$>$ 80%
pH ( <i>measured at <math>\sim</math>22°C</i> )	3.70 - 4.70	4.23
Osmolality	30 - 70 mM/Kg	52 mM/Kg
Plant Tissue Culture of: <i>Hosta spp.</i> <i>Vitis spp.</i> <i>Musa acuminata (cv.) Red Dacca</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:

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.

Kurt Rieben  
Quality Control

6-JUL-2017