



## CERTIFICATE OF ANALYSIS

Product Name: **Murashige and Skoog Multiplication Medium C**  
With Macronutrients, Micronutrients, Vitamins, and Sodium Phosphate  
With NAA, Adenine Sulfate, Kinetin, and 30 g/L Sucrose

MADE IN THE USA

Catalog Number: MSP12

Storage: 2 to 8°C

Manufacture Date: MAY-2014

Lot Number: 05140007

Expiration Date: 31-MAY-2019

Test	Specifications	Results
Appearance	White to Yellow Powder	PASS
Solubility in Water	34.66 g/L in $\leq$ 30 minutes	8 minutes
Moisture Content	$\leq$ 2%	< 1%
Particle Size	$\geq$ 80% through 100 mesh	$\geq$ 80%
pH ( <i>measured at 19°C</i> )	3.50 - 5.00	3.80
Osmolality	130 - 185 mM/Kg	179 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:

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

22-MAR-2018