



CERTIFICATE OF ANALYSIS

Product Name: Murashige and Skoog Basal Salts
With Macronutrients, Micronutrients, and 30g/L Sucrose

Catalog Number: MSP13

Lot Number: 03160026

Test	Specifications	Results
Appearance	White to Yellow Powder	PASS
Solubility in Water	34.33 g/L in \leq 30 minutes	3 minutes
Moisture Content	\leq 2 %	$<$ 1 %
Particle Size	\geq 80 % through 100 mesh	\geq 80 %
pH (<i>pH was measured at ~ 22° C.</i>)	3.40 - 4.50	3.69
Osmolality	160 - 190 mM/Kg	186 mM/Kg
Plant Tissue Culture of:		
<i>Solanum tuberosum</i>	Supports plant growth with no morphological abnormalities	PASS
<i>Musa acuminata</i>		
<i>Nephrolepis spp.</i>		

Manufacture Date:

Mar 2016

MADE IN THE USA

Expiration Date:

31 Mar 2020

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.

Kurt Rieben

Quality Control

4-12-16