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Product Specification

Product Name:
Murashige and Skoog Basal Medium – powder, plant cell culture tested

Product Number: **M5519**

MDL: MFCD00240976

Storage Temperature: 2 - 8 °C

TEST	Specification
Solubility	Pass
Soluble in Water	
pH	3.5 - 4.5
(4.43 g/L)	
Appearance (Color)	Conforms
2022-70 to 2026-70; RM-1 to RM-4, or RM-31	
* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview(TM))	
Appearance (Texture)	Fine Powder
Clarity of Solution	Clear
Appearance of Solution (Color)	Conforms
Colorless to Slight Yellow Tint	
Dissolution Time	Pass
Average Time to Dissolve: Within 3 minutes	
Insoluble	Pass
No insolubles	
Plant Cell Culture Test	Pass
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants.	

Specification: PRD.0.ZQ5.10000023340

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.