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Certificate of Analysis

Product Name:

Methyl-β-cyclodextrin – powder, BioReagent, suitable for cell culture

Product Number: C4555
Batch Number: WXBD2115V
Brand: SIGMA
CAS Number: 128446-36-6
Quality Release Date: 27 MAR 2020
Recommended Retest Date: MAR 2024



Test	Specification	Result
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, 1M NH ₄ OH		
Proton NMR spectrum	Conforms to Structure	Conforms
Proton NMR	1.5 - 2.1 %	1.6 %
Mean Degree of Substitution, % Methyl Groups/Glucose		
Water (by Karl Fischer)	≤ 10 %	3 %
Cell Culture Testing	Pass	Pass

Steven Chen, Manager
 Quality Control
 Wuxi, China CN

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.