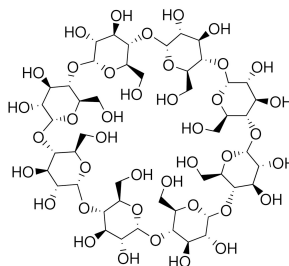


Certificate of Analysis

Product Name : γ -Cyclodextrin $\geq 98\%$
Product Number : C4892-1G
Batch Number : 0000334801
Source Batch : SLCM5329
CAS Number : 17465-86-0
MDL Number : MFCD00009595
Molecular Formula : $C_{48}H_{80}O_{40}$
Formula Weight : 1297.12 g/mol
Recommended Retest Date : Feb 2025
Quality Release Date : 09 FEB 2022



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 50mg/ml 1M NH ₄ OH	Clear to Slightly Hazy	Clear
Water (by Karl Fischer)	$\leq 10 \%$	8 %
Purity (HPLC)	$\geq 98 \%$	100 %
Cell Culture Test	Pass	Pass

Brian Dulle, Supervisor

Quality Assurance

St. Louis, Missouri

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

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