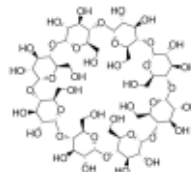


Certificate of Analysis

Product Name:

 γ -Cyclodextrin - $\geq 98\%$

Product Number: C4892
Batch Number: SLCH1135
Brand: SIGMA
CAS Number: 17465-86-0
MDL Number: MFCD00009595
Formula: C₄₈H₈₀O₄₀
Formula Weight: 1,297.12 g/mol
Quality Release Date: 26 AUG 2020
Recommended Retest Date: AUG 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50mg/ml 1M NH ₄ OH		
Water (by Karl Fischer)	$\leq 10\%$	9 %
Purity (HPLC)	$\geq 98\%$	99 %



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. 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.

