

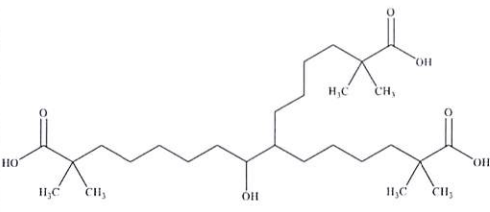
Certificate of Analysis

Certificate No.: 20240312011



Date: March 12, 2024

Retest date: March 11, 2027

Compound Name: Bempedoic Acid Impurity 5	
Synonyms:	7-(5-carboxy-5-methylhexyl)-8-hydroxy-2,2,14,14-tetramethylpentadecanedioic acid
TLC Catalogue Number:	B-168009
CAS Number:	N/A
Molecular Weight:	486.69
Molecular Formula:	C ₂₇ H ₅₀ O ₇
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6111-041A4
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol



Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.5%
Impurity (HPLC)	RT 2.38, 0.26%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	0.3% methanol	
Assay (%)	Not less than 90.0%	99.1%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		03 / 13 / 2024
Approved by:	Quality Assurance		03/13/2024

Attachments: HPLC, IR, MS and NMR spectra.