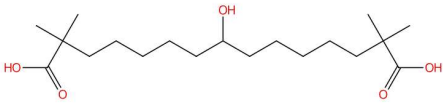


SPECIFICATION SHEET

Product Name	Bempedoic acid	
CAS No.	738606-46-7	
Molecular Formula	C ₁₉ H ₃₆ O ₅	
Molecular Weight	344.49	
Product Specification	98%~102%	
Country of Origin	China	

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	The product is a crystalline powder.	Visual
melting point	90°C~91°C	USP<741>
Identification	Consistent with the reference standard	IR
	In the chromatogram recorded under the content determination item, the retention time of the main peak of the test solution should be consistent with that of the main peak of the reference substance	HPLC
Related substances	Any individual impurity ≤ 0.1%	HPLC
	Total impurities ≤ 1.0%	
Residual solvent	Complies with ICH Q3D limits	GC
Moisture	≤ 0.5%	KF
Residue on ignition	≤ 0.2%	USP<281>
Heavy Metals	≤ 20ppm	USP<231>
Assay		
Bempedoic acid (dry product)	98.0%~102.0%	HPLC
Microbiological		
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>
Escherichia coli	Not detected	USP<2022>



Nature Connecting Health

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STORAGE, STABILITY & PACKAGING

Storage	Avoid light. Store in a sealed container.
Stability	36 months when properly stored.
Packaging	500g/bag, 1kg/bag, 5kg/bag