NATURE SCIENCE TECHNOLOGIES

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QUALITY SPECIFICATION

Hydroxypropyl Tetrahydropyrantriol

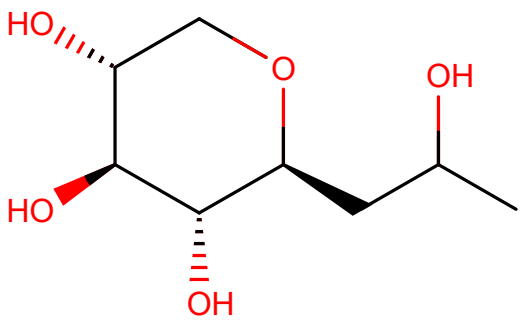
Catalog No.: NST-10-141

CAS No.: 439685-79-7

Molecular formula: $C_8H_{16}O_5$

MW: 192.21

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Paste	Visual
2.	Color	Colorless	Visual
3.	Assay	≥95.0 %	HPLC
4.	pH	5.0-8.0	USP <791>
5.	Water	<5.0 %	USP <731>
6.	Lead	≤10 ppm	ICP-MS
7.	Arsenic	≤1 ppm	ICP-MS
8.	Mercury	≤1 ppm	ICP-MS
9.	TPC	$<10^2$ CFU/g	USP <2021>
10.	TYMC	<10 CFU/g	USP <2021>
11.	Pathogenic bacteria	Absent	USP <2022>

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored