

Test Report

Product name: (S)-Hydroxypropyl Tetrahydropyrantriol

Product class: excellence

Batch number: ZTBSY24013101

Mfg. date: 2024-01-31

Test date: 2024-01-31

Storage condition: keep in a cool, dry place away from light sources

Shelf life: 36 months

Items	Standard parameters	Result of Analysis
Appearance	White powder, with characteristic odor	Passed
Melting point	115-120°C (decompose when heating to mel)	114°C
Optical rotation	-35° to -45°	-40°
Conductivity	≤80us/cms	18us/cms
Solution color	Lighter than GY1 or BY1	< GY1
Moisture content	≤0.5%	0.2%
S-enantiomer	≥95.0%	99.2%
R-enantiomer	≤1.0%	0.5%
Purity	≥99.5%	99.7%

Inspector: Liu Tianrong

Quality RP: Wu Dijun