



# 安徽禾庚生物技术有限公司

ANHUI HEGENG BIOTECH ENGINEERING CO., LTD.

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## Product Specification

Product Name : D-Tagatose  
Cas No. : 87-81-0  
Appearance: White to Off-White powder  
Mesh size: >60 mesh  
Molecular formula: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
Molecular weight: 180.16  
Purity: ≥99%  
Standard: EU

TEST	Specification
Appearance (Color)	White to Off-White
Solubility (Color)	Colorless
Solubility (Turbidity) 50 mg/ml, H <sub>2</sub> O	Clear
Purity(HPLC)	≥99%
Residue on ignition	≤0.1%
Melting Range	133°C ~ 137°C
Loss on drying	≤0.5%
Specific Rotation	-4.0° ~ -5.6°
Arsenic ( As )	≤1.0μg/g
Cadmium ( Cd )	≤1.0μg/g
Mercury ( Hg )	≤0.1μg/g
Lead ( Pb )	≤0.5μg/g
Loss on drying(102°C , 2 hours)	≤0.5%
Shelf life	3 years
Storage	Stored in a clean, cool, dry area,keep away from strong,direct light.
TAMC	≤1000CFU/g
TYMC	≤100CFU/g

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Issuing date: JAN 16,2024

质量检验专用章