



Product Specification

Product Name: D-Raffinose pentahydrate
Cat #: R-030
CAS #: 17629-30-0
Storage: Store at room temperature.

Test	Specifications
Appearance	white crystalline powder
Melting Point	78-82°C
Assay (HPLC)	≥98.0%
Loss on Drying	13.0-17.0%
Specific rotation	+103.0 to +108.0°
Heavy Metals - Total - Arsenic (As) - Cadmium (Cd) - Lead (Pb) - Mercury (Hg)	≤10 µg/g ≤1.0 µg/g ≤0.5 µg/g ≤1.0 µg/g ≤0.5 µg/g
Total plate Count - Molds and yeasts - Salmonella - E.coli - Staphylococcus aureus	≤1000 CFU/g ≤100 CFU/g Absence Absence Absence
Identification	Positive
Solubility	Clear and colorless
Residue on ignition	≤0.1%
Aflatoxins	≤20 ppb

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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