

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

Certificate of Analysis

D-(+)-Raffinose Pentahydrate

Catalog Number: Lot Number: CAS Number: Synonym(s):	RP1001 0212901 17629-30-0; 512-69-6 <i>O</i> -α-D-Galactopyranosyl-(1→6)-α-D-glucopyranosyl β-D-fructofuranoside, Melitose, Melitriose
Molecular Formula:	C ₁₈ H ₃₂ O ₁₆ • 5H ₂ O
Molecular Weight:	594.51
Storage:	15°C – 30°C
Date of Manufacture:	January 15, 2019
Retest Date:	December 20, 2020

Test	Specification	Result
Appearance	White powder	Conforms
Assay (HPLC)	≥ 98%	99.1%
Purity (TLC)	One spot	Conforms
Specific Rotation	+103 to +107	+104°
Melting Point	78°C – 80°C	78.0°C
Moisture (KF)	13.0 – 16.0%	14.8%
Ash	≤ 0.1%	0.06%

Approved by:

ohn grubb

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