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Certificate of Analysis

Product Description: D-(+)-Maltose Monohydrate
Catalog Number: 102241
Lot: MR30257**Formula:** $C_{12}H_{22}O_{11} \cdot H_2O$ **CAS #:** 6363-53-7**Physical Description:** White Powder**Formula Weight:** 360.32**Storage:** Room Temperature

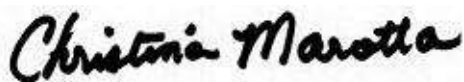
Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 95\%$	95%
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	$\leq 6\%$	3.27
Optical Rotation	130.0 ± 2.0 (c=4, water)	+131.0°
Solubility (10% aq soln)	Clear and Colorless	Clear and Colorless

Residue on Ignition: <0.1%

Heavy Metals: <10 ppm

Iron: <5 ppm

Arsenic: <0.5 ppm

03/27/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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