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Certificate of Analysis

Product Description: D-Galactose-1-phosphate Dipotassium Salt Pentahydrate
Catalog Number: 223687
Lot: S6490

Formula: C₆H₁₁O₉PK₂·5H₂O
CAS #: 19046-60-7
Physical Description: White Powder

Formula Weight: 426.40
Storage: -20°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes

Solution (5% aq soln): Colorless
Turbidity (0.5% aq soln): 0.2
Water (KF): 21.5%
Specific optical rotation (2% aq soln): +81.2°
Quantitative 1H-NMR (dry basis): 99%
Recommended Retest Date (MM/DD/YYYY): 03/28/2023



06/29/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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