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## Certificate of Analysis

<b>Product</b>	<b>38142 - Sucrose BP (Non-Parenteral Use) - [57-50-1]</b>
<b>Batch No</b>	<b>7810547</b>
<b>Analysis Date</b>	12-Sep-2022
<b>Date of Manufacture</b>	September 2022
<b>Expiry Date/Re-Test Date</b>	August 2025
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>20</sub> O <sub>11</sub>
<b>Molecular Weight</b>	342.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White or almost white	White
Appearance (Form)	Crystalline powder or lustrous, crystals	Crystalline powder
Solubility	Very soluble in water, slightly soluble in ethanol(96%), Practically insoluble in anhydrous ethanol	Complies
Identification (IR Spectrum)	A) Passes	Passes
Identification	B) By TLC C) By Chemical method	Complies Complies
Appearance of Solution	50% aq. solution S is clear	Complies
Conductivity	Max 35 $\mu$ S. cm <sup>-1</sup> at 20°C	24 $\mu$ S. cm <sup>-1</sup>
Specific optical rotation	+ 66.3° to +67.0° (C=26, water)	+66.608°
Colour value	Max. 45 (at 420 nm colour value)	Complies
Dextrin	By Chemical method (Not applicable)	NA
Reducing sugars	By Chemical method	Complies
Sulphites	Max 10ppm	Complies
Loss on drying	Max 0.1%	0.01%
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	Max 0.25 IU/mg (Not Applicable)	NA
Reference	BP 2020	

FRM/82/11/4/38142 Rev No. 1 Date 16/05/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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