

CERTIFICATE OF ANALYSIS

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| Product Description | SUCROSE IP β-D-FRUCTOFURANOSYL-α-D-GLUCOPYRANOSIDE |
| Product Number | S829 |
| Lot Number | PEL/TCG/257881/25 |
| Storage Temperature | Room Temperature |
| Molecular Weight | 342.34 |
| Formula | C ₁₂ H ₂₂ O ₁₁ |
| CAS Number | 57-50-1 |

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|----------------------------|
| Solubility | Soluble in Water @ 30.0 g/L | Passes |
| pH | 5.2 – 6.3 | 5.52 |
| Physical Appearance Color* Texture | RM-1 to RM-4, or RM-31 Crystalline Powder to Crystals | RM-1 Off-White Crystals |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | Within 5 min | Passes |
| Insolubles | None | Passes |
| Purity | Minimum 99.5% | > 99.9% |
| Moisture | For Information Only | 0.01% |

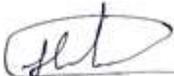
* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 30.0 g/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|-----------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | Coreopsis | Passes |
| | Achimenes | Passes |

The above material conforms to the quality specifications of PELICAN (Trust Lies Here).



Pelican
 (Trust lies here)