

# Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

## SUCROSE

### PRODUCT NUMBER

IB37160 \_\_\_\_\_ 1kg  
IB37165 \_\_\_\_\_ 5kg

### LOT NO.

Lot# \_\_\_\_\_ 22D4005

### STORAGE

Store at room temperature. Protect from moisture.

### CAS NO.

CAS# \_\_\_\_\_ 57-50-1

### SPECIFICATIONS

|  | Specification           | Analysis      | Disposition |
|--|-------------------------|---------------|-------------|
| Solubility (in water)                              | PASS / FAIL             | PASS          | PASS        |
| pH (30.00g/L)                                      | 4.0 - 6.5               | 6.1           | PASS        |
| Color  | PM-1-PM-4, PM-13, PM-19 | PM-4 White    | PASS        |
| Texture  | PASS / FAIL             | Crystals      | PASS        |
| Clarity  | PASS / FAIL             | Clear         | PASS        |
| Color  | PASS / FAIL             | Colorless     | PASS        |
| Average Time to Dissolve (For Information Only)    | PASS / FAIL             | Within 5min.  | PASS        |
| Insolubles   | PASS / FAIL             | None Detected | PASS        |
| FTIR (Conforms to Structure)                       | PASS / FAIL             | PASS          | PASS        |
| Purity   | Min. 99.5%              | 99.9%         | PASS        |
| Plant Growth and/or Proliferation - Achimenes      | PASS / FAIL             | PASS          | PASS        |
| Plant Growth and/or Proliferation - Tobacco Callus | PASS / FAIL             | PASS          | PASS        |
| DNase assay  | PASS / FAIL             | None Detected | PASS        |
| RNase assay  | PASS / FAIL             | None Detected | PASS        |
| Protease assay                                     | PASS / FAIL             | None Detected | PASS        |

### DATE OF

Manufacture Date: \_\_\_\_\_ 07/23/2021

Expiration Date: \_\_\_\_\_ 07/2029

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood  
Quality Control

04/22/22  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.