

## Certificate of Analysis

Date of Testing: 2022-06-22 15:42:13

Date of Next Testing: 2026-06-21 15:42:13

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: for cell culture

Lot #: F2215154

SKU #: **A103539**

**Analysis: 092437**

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Titration with Iodine  | 98-100 (%)            | 99.80000 %            |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O) | 20.5-21.5 (°)         | 20.80°                |
| Cell Culture Test  | pass                  | Pass                  |
| Appearance(Color) (A103539)                                      | White to Light Yellow | White to Light yellow |
| Appearance(Form) (A103539)                                       | Powder                | Powder                |
| Solubility (Color), Colorless to Light Yellow                    | Pass                  | Pass                  |
| Solubility (Clear), 50 mg/mL, H <sub>2</sub> O                   | Pass                  | Pass                  |



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