

## Certificate of Analysis

Date of Testing: 2022-03-15 14:28:22

Date of Next Testing: 2026-03-14 14:28:22

Product Name: **Cytochrome c**

CAS Number: 9007-43-6

Specifications & Purity: from equine heart , ≥95% (HPLC)

Lot #: C2211380

SKU #: **C301837**

**Analysis:** **078411**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                        | Limit Values                                     | Result                                           |
|------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Ratio of Absorbances(A 550 red/A 280 ox)                         | ≥1                                               | 1.10                                             |
| Iron by ICP(anhydrous)                                           | 0.4-0.5 (%)                                      | 0.43 %                                           |
| Purity(HPLC)                                                     | 95-100 (%)                                       | 98.60000 %                                       |
| Water by Karl Fischer                                            | 0-10 (%)                                         | 3.90 %                                           |
| Appearance (C301837)                                             | Brown to dark brown, red to very dark red powder | Brown to dark brown, red to very dark red powder |
| Identification (positive reaction)                               | pass                                             | Pass                                             |
| Solubility in H <sub>2</sub> O , Dark red-brown, clear, 10 mg/mL | pass                                             | Pass                                             |



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QA & QC Manager