

Certificate of Analysis

Date of Testing: 2023-12-08 13:18:30

Date of Next Testing: 2027-12-07 13:18:30

Product Name: **Cytochrome c**

CAS Number: 9007-43-6

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

Lot #: L2301404

SKU #: **C301837**

Analysis: **296402**

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

Parameter	Limit Values	Result
Ratio of Absorbances(A 550 red/A 280 ox)	≥1	1.00
Iron by ICP(anhydrous)	0.4-0.5 (%)	0.46 %
Purity(HPLC)	95-100 (%)	100.00000 %
Water by Karl Fischer	0-10 (%)	3.40 %
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 ₂ O , Dark red-brown, clear, 10 mg/mL	pass	Pass



John Su
QA & QC Manager