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# Product Specification

Product Name:
Cytochrome c from equine heart - ≥95% based on Mol. Wt. 12,384 basis

**Product Number:** **C7752**
CAS Number: 9007-43-6
MDL: MFCD00130890

Storage Temperature: -20 °C

| TEST | Specification |
|---|---|
| Appearance (Color) | Brown to Very Dark Brown and Red to Very Dark Red |
| Appearance (Form) | Powder |
| Solubility (Color) | Light Brown to Dark Brown to Dark Red |
| Solubility (Turbidity) 10 mg/mL, H2O | Clear |
| Water (by Karl Fischer) | ≤ 10 % |
| Iron (anhydrous) by ICP | ≥ 0.40 % |
| Purity by SDS-PAGE | ≥ 95 % |
| Cytochrome C Spectral Assay | ≥ 95 % |
| Anhydrous, Based on EmM at 550 nm (reduced) = 29.5 and anhydrous molecular weight of 12,384 | |
| Reduced Cytochrome C Content | ≤ 5 % |
| Recommended Retest Period 5 years | ---------- |

Specification: PRD.1.ZQ5.10000033209

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.