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## Product Specification

Product Name:

Cytochrome c from bovine heart – ≥95% based on Mol. Wt. 12,327 basis

Product Number:

**C3131**

CAS Number:

9007-43-6

MDL:

MFCD00130890

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

Dark Red to Dark Red-Brown

Appearance (Form)

Powder

Solubility (Color)

Dark Red to Dark Red-Brown

10 mg/ml in H<sub>2</sub>O

Water (by Karl Fischer)

≤ 10 %

Iron (anhydrous)

0.40 - 0.50 %

By ICP

Cytochrome C Spectral Assay

≥ 95 %

(anhydrous)

Based on EMM at 550 nm (reduced) = 28.0 and anhydrous MW of 12,327

Reduced Cytochrome C Content

≤ 5 %

Specification: PRD.0.ZQ5.10000057814

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](http://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.