

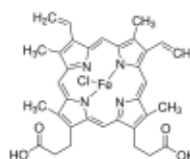
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## Product Specification

Product Name:  
Hemin - from bovine, ≥90%

Product Number: **H9039**  
CAS Number: 16009-13-5  
MDL: MFCD00010726  
Formula: C<sub>34</sub>H<sub>32</sub>ClFeN<sub>4</sub>O<sub>4</sub>  
Formula Weight: 651.94 g/mol  
Storage Temperature: 2 - 8 °C



### TEST

### Specification

Appearance (Color)	Brown to Black
Appearance (Form)	Powder
Solubility (Color)	Dark Green-Brown
25 mg/mL, 1.4 M NH <sub>4</sub> OH	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 2.0 %
EmM	≥ 4.14
at Lambda max 613 nm	
Performance	Pass
Nitrogen (anhydrous)	≥ 7.7 %
Iron (anhydrous)	≥ 7.7 %
Purity	≥ 90 %
Based on UVVS	

Specification: PRD.2.ZQ5.10000009164

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.