

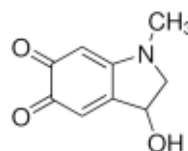
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## Product Specification

Product Name:  
Adrenochrome

**Product Number:** A5752  
**CAS Number:** 54-06-8  
**MDL:** MFCD00069732  
**Formula:** C<sub>9</sub>H<sub>9</sub>NO<sub>3</sub>  
**Formula Weight:** 179.17 g/mol  
**Storage Temperature:** -20 °C



| TEST                      | Specification         |
|---------------------------|-----------------------|
| Appearance (Color)        | Red to Brown          |
| Appearance (Form)         | Powder                |
| Infrared spectrum         | Conforms to Structure |
| EmM                       | 9.0 - 10.5            |
| At 299 to 304 nm in Water |                       |
| Wavelength                | 299 - 304 nm          |
| EmM                       | 3.0 - 4.5             |
| At 485 to 490 nm in Water |                       |
| Wavelength                | 485 - 490 nm          |
| Carbon                    | 57.0 - 63.8 %         |
| Nitrogen                  | 7.4 - 8.3 %           |
| Purity (HPLC)             | ≥ 95 %                |

Specification: PRD.2.ZQ5.10000055710

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.