



## Product Specification

### HEMIN FOR BIOCHEMISTRY

|                             |                          |
|-----------------------------|--------------------------|
| PRODUCT CODE                | R09414                   |
| SYNONYMS                    | Chlorohemin              |
| C.I. NO.                    | --                       |
| CASR NO.                    | 16009-13-5               |
| ATOMIC OR MOLECULAR FORMULA | $C_{34}H_{32}ClFeN_4O_4$ |
| ATOMIC OR MOLECULAR WEIGHT  | 651.94                   |
| PROPERTIES                  | --                       |



| PARAMETER            | LIMIT   |
|----------------------|---|
| Description          | Blue black crystalline powder.  |
| Solubility           | Freely soluble in dilute ammonia water and in solutions of sodium hydroxide with hematin formation. |
| Minimum Assay (HPLC) | 90.0%   |
| Minimum Assay (Iron) | 7.9%  |

#### MAXIMUM LIMIT OF IMPURITY

|                          |      |
|--------------------------|------|
| Water (H <sub>2</sub> O) | 2.0% |
|--------------------------|------|

Note(s) : Assay (if applicable) method mentioned.

|  |  |
|--|--|
| <b>WARNING</b><br><b>HAZARD STATEMENTS</b> : Not hazardous. No hazards. <b>PRECAUTIONARY STATEMENTS</b> :-----<br><b>Prevention</b> : -----<br><b>Response</b> :-----<br><b>Disposal</b> : ----- | IMDG Code : --<br>UN No. : --<br>IATA : -- |
|--|--|

Hazard Pictogram(s) :-----



Replace Date 1 April 2023

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