

## SPECIFICATION

### Hemoglobin Human Red Blood Cells

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#### GENERAL INFORMATION

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|------------------|-----------|---------------------|-----------------------|
| Catalogue Number | 338-10    | Storage Temperature | 2 – 8°C               |
| Synonyms         | Hb        | Storage Note        | Protect from moisture |
| CAS Number       | 9008-02-0 | Shipping Note       | Cold Packs            |

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#### PRODUCT INFORMATION

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| Source          | Human Red Blood Cells (RBCs)                |
| Form            | Lyophilized powder with buffer salts        |
| Appearance      | Red-brown powder                            |
| Solubility      | Clear, red-brown solution (1 mg/mL, water)  |
| Purity          | ≥ 96% (SDS-PAGE)                            |
| Protein         | ≥ 0.7 mg Hemoglobin/mg (Cyanomethemoglobin) |
| Recertification | Four years from date to manufacture         |

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#### HANDLING INFORMATION

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| Handling | Handle as a potentially hazardous substance.                             |
| Recovery | Reconstitute directly into vial/bottle provided to ensure full recovery. |
| Note     | This preparation is predominately methemoglobin.                         |

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Non-infectious disease statement: Negative or non-reactive at the donor level for anti HIV 1 and 2, anti HCV, HBsAg, HCV NAT, HIV-1 NAT, and syphilis by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. This product is intended for research, laboratory use, or further manufacturing. It is not for administration to humans. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification. The suitability of this product for each application must be determined by each end user.