

## Product Datasheet

### **GX5830 - Bovine Serum Albumin, protease and fatty acid free**

#### **Product Details**

|                    |  |
|--------------------|--|
| Product Name       | Bovine Serum Albumin,<br>protease and fatty acid free  |
| Glentham Code      | GX5830   |
| CAS Number         | 9048-46-8  |
| EINECS             | 232-936-2  |
| Related Categories | Biochemicals, Natural<br>Products, Reagents for Gel<br>Electrophoresis of Proteins,<br>Reagents for Cell Culture,<br>Reagents for Northern and<br>Southern Blotting, Reagents for<br>Western Blotting, Albumins,<br>COVID-19 Research &<br>Diagnostics |

|                             |                    |
|-----------------------------|--------------------|
| Water                       | : ≤ 6.0%           |
| Fatty Acids                 | : ≤ 0.05%          |
| Proteases                   | : Negative         |
| BTV, VSV                    | : Negative         |
| Mycoplasma                  | : Negative         |
| Protein Content             | : ≥ 96% (Kjeldahl) |
| Purity<br>(Electrophoresis) | : ≥ 98%            |
| Version                     | : v1.0             |

#### **About Bovine Serum Albumin, protease and fatty acid free**

Bovine Serum Albumin (BSA) is a protein found in bovine blood. It acts as a carrier protein for small molecules and contributes to oncotic pressure in capillaries. In a laboratory setting, BSA is a blocking reagent in applications such as immunochemistry, western blot, and ELISA.

#### **Structure**

|                   |     |
|-------------------|-----|
| Molecular Weight  | : - |
| Molecular Formula | : - |

#### **Storage**

Recommended storage temperature: +4°C.

#### **Hazards and Transport**

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### **Glentham Product Specification**

|                             |  |
|-----------------------------|--|
| Physical<br>Description     | : Off-white to light-yellow or green<br>powder or flakes |
| Solubility (5% in<br>water) | : Soluble  |
| pH                          | : 6.5 - 7.5  |
| Ash                         | : ≤ 3.0%   |

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