

**Datasheet****Bovine Serum Albumin****30% Solution**

| <b>Product</b>              | <b>Description</b>                                                                    | <b>Catalogue-No.</b>             | <b>Size</b>              |
|-----------------------------|---------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| <b>BSA<br/>30% Solution</b> | <b>Bovine serum albumin, 30% Solution, Low salt, Preservative free, Protease free</b> | <b>P06-138410<br/>P06-138450</b> | <b>100 ml<br/>500 ml</b> |

**Product description**

BSA 30% solution is an optimized solution with maximized albumin monomers for unique performance needs.

The molecular weight of BSA is 66,430 Da.

BSA is a single polypeptide chain consisting of about 583 amino acid residues and no carbohydrates. At pH 5-7 it contains 17 intrachain disulfide bridges and 1 sulfhydryl group.

Albumins serve as additive proteins for tissue cultures. They are the main protein component in serum and are added to cell culture media to increase the stability of cell membranes and to bind possibly toxic elements. It also binds fatty acids, bilirubin and hormones.

**Storage conditions**

Storage: -20 °C

Stability: 2 years from date of production

Filling: 100 ml, 500 ml, other sizes on request

**Composition**

BSA 30% solution is a non-preserved solution produced with a low salt content, protease free and processed with high monomer content by inhibiting the albumin polymer formation.

**Suitability**

BSA 30% solution high monomer is suitable for use as a protein stabilizer for antibody and enzyme storage as well as a diluent for ELISA techniques.

**Special advantages**

- Highly purified solution absent of chemical and microbial contamination
- Bovine serum albumins increase the stability of cell membranes and bind possibly toxic elements
- Ready to use solution
- Manufactured under conditions certified to ISO 9001

**Technical support**

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email ([info@pan-biotech.com](mailto:info@pan-biotech.com)) or phone +49-8543-601630.

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