

# UltraPure™ BSA Non-Acetylated

Catalog Numbers AM2616, AM2618

Pub. No. MAN0018486 Rev. B



**WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available from [thermofisher.com/support](https://www.thermofisher.com/support).

## Product description

UltraPure™ Non-Acetylated BSA can be used safely in most applications that require BSA, especially when DNA or RNA integrity is critical. It is tested for DNase, RNase, endonuclease, protease, peroxidase, and alkaline phosphatase activity. It is assayed for fluorescence background. The high level of purity is achieved using chromatographic purification of native BSA rather than chemical modification with acetic anhydride.

## Contents and storage

| Contents                                 | Catalog No. | Amount    | Storage conditions                           |
|------------------------------------------|-------------|-----------|----------------------------------------------|
| UltraPure™ BSA, Non-Acetylated, 50 mg/mL | AM2616      | 50 mg     | Store at -20°C.                              |
|                                          | AM2618      | 5 × 50 mg | <i>Do not store in a frost-free freezer.</i> |

## Product specifications

|                          |                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source:</b>           | Bovine serum of USA origin collected at USDA licensed and inspected abattoirs.                                                                                                                                                                                                                                                                                   |
| <b>Molecular weight:</b> | 68 kD                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage buffer:</b>   | 20 mM phosphate buffer, pH 6.8 ( <i>not included</i> ).                                                                                                                                                                                                                                                                                                          |
| <b>Usage:</b>            | <ul style="list-style-type: none"> <li>Used as a carrier protein and stabilizing agent in enzymatic reactions (added at 50–150 µg/mL to enzymatic reactions).</li> <li>Used as a blocking agent for Southern, northern, western, and dot blot hybridization.</li> <li>Used to enhance enzyme activity In some restriction enzyme digestion reactions.</li> </ul> |

## Limited product warranty

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Thermo Fisher Scientific Baltics UAB | V.A. Graiciuno 8, LT-02241 | Vilnius, Lithuania

For descriptions of symbols on product labels or product documents, go to [thermofisher.com/symbols-definition](https://www.thermofisher.com/symbols-definition).

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