



Bovine Serum Albumin (BSA), Fraction V

Catalog No: 01400
Lot No: XXXXX
Cas No: 9048-46-8
MW: 67 kDa
Supplied as: lyophilized
Stability: store at +4°C

Background

Bovine Serum Albumin (BSA), Fraction V is used for various biochemical applications including ELISA (Enzyme-Linked Immunosorbent Assay), high content screening assays, western blotting, and immunohistochemistry. BSA as a blocking reagent is particularly useful with casein-sensitive antibodies, such as phospho-specific antibodies. Also used as a nutrient in cell and microbial culture. In restriction digests, BSA is used to stabilize some enzymes during digestion of DNA and to prevent adhesion of the enzyme to reaction tubes and other vessels. BSA can also be used to determine the quantity of other proteins, by comparing an unknown quantity of protein to known amounts of BSA. One major application is the use as a stabilizing agent for proteins and enzymes including dilute solutions of antibodies.

Tests

Appearance:
Purity:
pH in solution (10%):
Protease:
Loss on drying:
Ash:
Heavy metals (Pb):
Endotoxin:
Origin:

Specifications

off white to amber powder
≥98%
6.5 – 7.5
≤0.005 units/mg
≤5.0% w/w
<2 %
≤10 ppm
≤3 EU/mg
USA

Usage

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