Bovine Albumin Fraction V 30% Solution
In Dulbecco’s Phosphate Buffered Saline

Product Code: TCL037

Product Description:
Molecular Weight: 66.5 kDa

Bovine albumin Fraction V, also known as Fraction V is a protein derived from the serum of a cow. It is a single polypeptide chain consisting of about 583 amino acid residues. Fraction V gets its name "Cohn Fraction V" on account of its fractionation by the Edward Cohn purification methodology using cold ethanol precipitation. Serum albumin was obtained as the fifth fraction in the Cohn's method. It is often used in biochemistry as a protein concentration standard.

Fraction V is used in cell culture as an additive in serum-free media. It provides protection to the cells from oxidative damage and stabilizes certain media components such as pyridoxal and fatty acids. It is primarily used as a carrier of lipids such as linoleic acid and oleic acid, since they are insoluble in aqueous solutions. It has a high affinity for various metals such as Fe, Cu and Ni. It also serves as a protective agent against toxic metabolites.

TCL037 is sterile filtered 30% albumin bovine fraction V solution in Dulbecco's Phosphate Buffered saline.

Sterility
No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Cultural Response
No toxicity to cells.

Storage and Shelf Life:
Store at 2-8°C.
Shelf life of the product is 12 months.
Use before expiry date given on the product label.

Quality Control:
Appearance
Straw colored, clear solution.

pH
6.70 - 7.30

Disclaimer:
User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ Publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

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