



Bovine Serum Albumin solution

30% in DPBS, sterile-filtered, BioXtra, suitable for cell culture

Synonym: Albumin solution from bovine serum, BSA solution

CAS Number 9048-46-8 MDL number MFCD00130384

Properties

sterility	sterile-filtered
product line	BioXtra
impurities	endotoxin, tested
suitability	suitable for cell culture
storage temp.	2-8°C

Description

General description

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.

Application

BSA 30% solution is a convenient form for direct supplementation of serum-free media. Bovine serum albumin is broadly used as an additive to cell culture media, especially serum-free media. It provides a range of benefits including protection from oxidative damage and stabilization of other media components such as fatty acids and pyridoxal.