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Product Specification

Product Name:

Bovine Serum Albumin – cold ethanol fraction, pH 5.2, ≥96%

Product Number:

A4503

CAS Number:

9048-46-8

MDL:

MFCD00130384

Formula Weight:

66,000 g/mol

Storage Temperature:

2 - 8 °C

TEST

Specification

Appearance (Color)

White to Light Brown

Appearance (Form)

Powder

Solubility (Color)

Faint Green-Yellow to Green-Yellow to Yellow

Solubility (Turbidity)

Clear to Hazy

40 mg/mL, H₂O

Loss on Drying

≤ 5 %

Nitrogen

14.5 - 16.5 %

pH

5.0 - 5.6

(c = 1% in H₂O)

UV/VIS Absorbance

≤ 0.5

at 406 nm (4% w/v)

Identity

Bovine Origin

Agarose Electrophoresis

≥ 96 %

% Albumin

VSV and BT Virus

None Detected

Inactivation

Conforms

pH not more than 5.0 for at least 2 hours

Recommended Retest Period

5 years

Specification: PRD.6.ZQ5.10000026745

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

