

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

**Product Name:** $\alpha_1$ -Antitrypsin from human plasma - salt-free, lyophilized powder**Product Number:****A9024****CAS Number:**

9041-92-3

**MDL:**

MFCD00130469

Storage Temperature: 2 - 8 °C

**TEST****Specification**

## Enzymatic Activity

1 - 4 mg

Needed to inhibit 1.0 mg of trypsin with activity of approx. 10,000 BAEE units per mg protein

## Enzymatic Activity

1 - 6 mg

Needed to inhibit 1.0 mg of alpha-chymotrypsin with activity of  $\geq$  40 BTEE units per mg protein

## % Protein (Biuret)

 $\geq$  70 %

## Tested For Infectious Agents

Tested

Specification: PRD.2.ZQ5.10000023631

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.