

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:

**A6150**

CAS Number:

9041-92-3

MDL:

MFCD00130469

Storage Temperature:

2 - 8 °C

TEST	Specification
------	---------------

Appearance (Color)

White to Yellow to Beige and Faint Brown  
to Light Brown

Appearance (Form)

Powder

% Protein (Biuret)

 $\geq 60$ 

Enzymatic Activity

 $\leq 10$  mg

will inhibit 1.0 mg of trypsin with activity of 10,000 BAEE units/ mg protein

Enzymatic Activity

 $\leq 10$  mg

will inhibit approx. 1.0 mg of alpha-chymotrypsin with an activity of 40-50 BTEE units/mg protein

Tested For Infectious Agents

Tested

Specification: PRD.2.ZQ5.10000040630

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](http://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.