



american diagnostica inc.

aprotinin

Product No. 517

Lot No. 41501701 Exp. 2013-11-30

Description

A broad-based protease inhibitor derived from bovine lung.

Characteristics

Specific Activity:	120 PEU/mL (Ph. Eur. Unit) 234,000 KIU/mL (Kallikrein Inactivator Unit)
Bottle Fill:	50 mL
Appearance:	clear, slightly yellowish solution
Appearance at 15 PEU/mL	clear, colorless solution
pH:	5.8
Dry Residue:	36.3 mg/mL
Sodium Chloride:	4.3 mg/mL
Protein Content:	32.4 mg/mL
Absorbance at 3 PEU/mL	$\sum_{1 \text{ cm}, 277 \text{ nm}}^{1\%} = 0.72$
Purity:	> 95% single band, per SDS-PAGE (non-reducing) > 95% single band, per SDS-PAGE (reducing)
Bacterial Endotoxins:	< 0.14 IU/PEU
Microbial Count:	≤ 1.0 CFU/mL

Presentation

Glass bottle containing 50 mL of concentrated aprotinin.

Storage

Store at 2°-8°C in the dark (protected from light).

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