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Certificate of Analysis

Product Trypsin Inhibitor, Soybean, Purified, Animal Free/AF
Source Soybean
Country of
Manufacture USA
Storage Store at 2-8°C.
Code SI
Lot Number
Re-Assay Date
Description Chromatographically purified as described by Frattali, V., and Steiner, R.: *Biochem.*, 7, 521 (1968),
modified by Worthington. A dialyzed, lyophilized powder. Purity \geq 90% checked using SDS PAGE.
Unit Definition One milligram inhibits at least 1.2 milligrams of trypsin, Code TRL, with at least 180 Units per
milligram. (One Unit TRL hydrolyzes one micromole of TAME per minute at 25°C, pH 8.2, in the
presence of 0.1M calcium.)

Parameter

Result

Acceptance Criteria

mg TRL inhibited by 1 mg

1.65

1 mg inhibits at least 1.20 mg trypsin,

Code: TRL

A280nm @ 1 mg/ml

0.76

Report assay value.

SDS PAGE

Satisfactory

\geq 90% Purity

Endotoxin EU/mg dw

140

Report Assay Value.

Approved by: Thomas R. Ryan, Quality Control Manager (signature on file)

Date: 11/18/19