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### Certificate of Analysis

Product PDS Kit, Inhibitor Vial  
Source Egg White/BSA  
Country of Manufacture USA  
All products from animal sources are produced from starting material of USDA-approved origin, collected in United States Department of Agriculture (USDA) or equivalent approved facilities, inspected to be free of disease and suitable for exportation. Certificates of Origin are available upon request.  
Storage Store at 2-8°C.  
Code OI-BSA  
Lot Number  
Re-Assay Date  
Description Ovomucoid protease inhibitor and bovine serum albumin which is 0.22 micron filtered and lyophilized in autoclaved vials to contain 10 mg/ml each upon reconstitution with 32 ml of EBSS.  
Unit Definition The ability of the inhibitor to inhibit the action of bovine trypsin is measured spectrophotometrically in a system in which benzoyl-arginine-ethyl ester is utilized as the trypsin substrate.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
Trypsin Inhibition	510	≥300 mg TRL inhibited per vial
A280/vial	377	Report assay value.
Dry wt per vial	711	≥640 mg
SDS PAGE	Satisfactory	Satisfactory
Colony Count	No cfu's detected	≤1 cfu/ml
Endotoxin EU/mg dw	180	Report Assay Value.

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

Date: 7/22/20