

## Bovine Thrombin- Research Grade, US Origin

Product Number: BTB-BBZ-25U  
 BTB-BBZ-50U  
 BTB-BBZ-01N  
 BTB-BBZ-SMP  
 BTB-BBZ-CSP

Lot Number: 20170928TB  
 Date of Manufacture: 09/2017  
 Expiration Date: 09/2020  
 Storage Temperature: ≤ -10° C



BASIS FOR RELEASE		NOT FOR HUMAN OR ANIMAL CONSUMPTION	
CHEMICAL ANALYSIS			
TEST	METHOD	SPECIFICATION	RESULT
<small>Tests performed in 4% solution unless otherwise noted</small>			
Appearance	Visual	White to Off-White Powder	Pass
pH (1% Solution)	pH Meter	6.5 - 7.5	6.5
Moisture	Loss on Drying	≤ 5%	3.1%
Protein	Biuret	≥ 45%	> 99%
Thrombin Activity	Coagulation	≥ 50,000 IU/g powder	212,902 IU/g powder
Thrombin Specific Activity	---	90-250 IU/mg protein	206.7 IU/mg protein

*Salt environment: glycine, sodium chloride, calcium chloride*  
*Recommended diluent for reconstitution: 0.9% sodium chloride*

### STATEMENT OF ORIGIN

Raw plasma/lungs used in the manufacture of this product was obtained from approved suppliers collecting from abattoirs in the United States from traceable animals originating from the United States. Full health, traceability, and required regulatory documentation are maintained under RMBIO's quality systems. The material was processed and finished in the United States.

### BSE/TSE STATEMENT

The United States of America is recognized as having negligible BSE/TSE risk by the World Organization for Animal Health (OIE).

### ISIA CERTIFICATE TRACEABILITY

All raw serum is certified by the International Serum Industry Association (ISIA) to be sourced in accordance with their strict guidelines. ([www.serumindustry.org](http://www.serumindustry.org)).

### Approval

Quality Assurance- Print Name: <b>Stacey Black</b>	Quality Assurance- Sign Name: <i>Stacey Black</i>	Date: <b>11/14/2017</b>
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