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Certificate of Analysis

Product Cholinesterase, Butyryl
Source Horse Serum
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 CHE
Lot Number
Re-Assay Date
Description A lyophilized powder.
Unit Definition One Unit hydrolyzes one micromole of acetylcholine per minute at 25°C, pH 7.4

| <u>Parameter</u> | <u>Result</u> | <u>Acceptance Criteria</u> |
|------------------|---------------|----------------------------|
| u/mg dw | 7.51 | ≥4 units per mg dry weight |
| A280nm @ 1 mg/ml | 1.09 | Report assay value. |
| A650 @ mg/ml | 0.06 | Report assay value. |

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

Date: 1/8/20