

## Certificate of Analysis

**PRODUCT:** Bovine Pituitary Extract\***CODE NO:** 57136**LOT NO:** 17938**DATE OF  
MANUFACTURE:** June 27, 2016**ORIGIN:** U.S.A.**STORAGE:** At or below -10 °C

**HEALTHY  
ANIMAL  
STATEMENT:** This product is made from raw materials that were collected from animals found free from obvious signs of infectious and contagious disease.

**PROCEDURE:** Fresh frozen pituitaries are obtained from normal healthy bovine cattle. The pituitaries are extracted using a saline extraction. The extract is filtered through a 0.2 micron filter. The extract remains at or below +5 °C throughout the procedure until the product is frozen. Tissue was sourced from a USDA certified facility within the contiguous 48 states of the United States where the animals received ante and post mortem inspection and were found free of contagious diseases.

**ASSAYS:**

| Required Assays | Specification        | Result    |
|-----------------|----------------------|-----------|
| Total protein:  | For information only | 2.01 g/dL |
| pH:             | For information only | 6.45      |

**NOTE:** Manufacture recommends sterile filtration prior to use in cell culture.

**QUALITY ASSURANCE**

Quality Control Release Date: June 30, 2016

Sarah Graves  
Quality Systems Technician**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**