

# **Bovine Pituitary Extract (BPE), Filtered (New Zealand):**

## **Filtered Bovine Pituitary Extract for cell culture**

**Catalog No: tccl2110**



### **Available Sizes**

**Size:** 25ml



### **Specifications**

**Form:**

Brown to reddish liquid.

**Concentration:**

35-70 µg/ml or 1.25-2.5 ml per 500 ml of medium for monolayer growth of epithelial cells

Approx.14 mg/ml

Optimal concentration may vary depending on cell type

**Source:**

Bovine pituitary gland derived from young (

**Storage Instruction:**

-20 °C. Do not thaw and refreeze.

### **Notes**

BPE is provided sterile filtered.

### **Product Description**

Bovine Pituitary Extract (BPE) is derived from the pituitary gland, a small endocrine gland that produces and secretes various hormones that are vital to the regulation of various bodily functions. Cell Applications' (BPE) is derived exclusively from pituitary glands of young and healthy New Zealand raised to avoid any chance of contamination from Bovine Spongiform Encephalopathy (BSE). Meat of the cattle is certified as safe for human consumption by the Department of Agriculture of both New Zealand and USA.

Our BPE is highly concentrated and contains the full spectrum of putative mitogens and growth factors that have been used effectively in promoting robust growth in a wide range of cells in vitro, especially those of epithelial origin and stem cells. It has never been lyophilized and thus maintains the full spectrum of biological activity. Because of its high purity and potency, the BPE volume required to supplement cell culture medium for healthy and robust cell growth is only a fraction of the serum volume, thus

producing significant cost savings.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!