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PRODUCT DATA SHEET

BOVINE PITUITARY EXTRACT

Product Codes

57136-0
57136-1
57136-2
57136-3

Pack size:

1 mL
5 mL
25 mL
100 mL

Description:

Fresh frozen pituitaries are obtained from normal healthy bovine cattle. The pituitaries are extracted using a saline extraction and 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. The tissue is sourced from a USDA certified facility within the contiguous 48 states of the United States where the animals receive ante and post mortem inspection and found to be free of contagious diseases.

Physical State:

Frozen liquid

Testing:

Total Protein: Report result
pH: Report result

Packaging, shipping/storage:

Packaging:
PETG bottles

Storage Temperature:

-10 °C or below

Shipping Conditions:

Dry ice

Expiration:

Product quality is guaranteed to meet Pel-Freez Biologicals' specifications for 1 year from the date of receipt by the customer as long as the product is stored in accordance with the indicated storage conditions.

Application Notes: Reportedly useful as a supplement to culture a variety of epithelial/endothelial cells.

References:

Matsui H., Grubb B.R., Tarren R., Randell S.H., Gatzky J.T., Davis C.W., and Boucher R.C. Evidence for periciliary liquid layer depletion, not abnormal ion composition, in the pathogenesis of cystic fibrosis airways disease. *Cell* 1998;95:1005-1015

Fulcher M.L., Gabriel S., Burns K.A, Yankaskas J.R, and Randell S.H. Well-differentiated human airway epithelial cell cultures. *Methods Mol Med* 2005;107:183-206.