



Certificate of Analysis

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YEX for suspension cells, ultrafiltrate

Country of origin: Canada

Cell Culture Grade

Catalogue No.	Lot No.
YEX-005	

Approved By	Storage
G. Thillainadesan	-80°C

Description:

Specifications

YEX for suspension cells, is used as a supplement in some growth media formulations. It is prepared by a series of comprehensive homogenization steps in avian egg yolk and a series of fractionation steps in a balanced salt solution. One part of the supernatant is subjected to a bactericidal filtration step with a 100 nm pore size. The result is a semi-clear and light yellow liquid. This liquid is sterile-filtered.

Lot Analysis

Manufactured within a GMP clean room with ISO6 level specifications. Avian egg yolks are sourced from a specific Health Canada (CFIA) facility using a veterinary-inspected flock. This flock is used to produce specific pathogen free eggs for use in human vaccine production.

Appearance:

Pale-yellow, semi clear solution (post-thaw)

Total Protein: (Biuret)

As reported (g/dL)

g/dL

Sterility:

(per 9CFR 113.26)

Negative

Endotoxin:

As Reported

EU/mL

pH:

As Reported

Mycoplasma:

(per MycoSEQ Plus Assay)

Negative

Osmolality:

As Reported

mOsm/Kg H₂O

Microbial Testing:

<i>Avian paramyxovirus type 1</i>	As Reported
<i>Alphainfluenzavirus influenzae (H5N1)</i>	As Reported
<i>Alphainfluenzavirus influenzae (H1N1)</i>	As Reported
<i>Avian Adenovirus (ADEN-HI)</i>	As Reported
<i>Avian encephalomyelitis virus</i>	As Reported
<i>Infectious bronchitis virus</i>	As Reported
<i>Mycoplasma gallisepticum/synoviae</i>	As Reported
<i>Salmonella</i>	As Reported

Recommended Dilution:

10 mL of YEX/100 mL of media

Storage and Stability:

Store frozen at -80 °C and avoid repeated freeze-thaw cycles, which can cause precipitates. Once diluted into media, store at 6-9 °C (do not refrigerate below 4 °C) and use within 4 weeks. YEX contains natural fats, proteins and carbohydrates that degrade over time.

Intended for research use only, not for use in human, therapeutic or diagnostic applications