

#### ARL BIO PHARMA

840 RESEARCH PARKWAY, SUITE 546 OKLAHOMA CITY, OK 73104 PHONE (405) 271-1144 FAX (405) 271-1174

# Microbiology Report

CLIENT: BET Pharmacy-KY

Web Report

ARL #: 456266-01 LOT #: 29421@2

DESCRIPTION: GnRH 250 mcg/mL

DATE RECEIVED: 03/15/2018

STORAGE: 2°C to 8°C (35.6°F to 46.4°F)

CONTAINER: Five 30 mL amber vials w/ 30 mL each

ANALYSIS	Limits	Results	Test Method	Date Tested
Sterility (*Preliminary*)	Sterile / Not Sterile	No Growth at 3 Days	USP <71>	03/16/2018
Endotoxin	119.05 EU/mg	<0.04 EU/mg	USP <85>	03/21/2018
Fungal	Sterile / Not Sterile	No Growth at 4 Days	MBI-114	03/16/2018

The citation to USP <71> is conditioned on the accuracy of our customer's verification that the sampling program complies with the provisions of USP <71>.

Formulation ID: 16

Keshia Parnell - Microbiologist II

Date Reported

Sterility – This preliminary report was issued after approximately 72 hours of incubation. In accordance with the test methodology, the sample will be incubated for 14 days; if there is any change in the sample a supplemental report will be issued.

Fungal – This preliminary report was issued after approximately 4 days of incubation. In accordance with the test methodology, the sample will be incubated for 14 days; if there is any change in the sample a supplemental report will be issued.

Endotoxin - To calculate the endotoxin limit use the following formulae: EL = K/M where K = tolerance limit (EU/kg) and M = Maximum dose/kg/hour or Maximum dose/kg

Parenteral: K is 5 EU/kg for any route of administration /Intrathecal: K is 0.2 EU/kg body weight)

Radiopharmaceutical parenteral: K is 175/V or Intrathecal radiopharmaceuticals: K is 14/V, where V is the maximum recommended dose in mL. Dermal Application: K/M, where K = 5 EU/kg and M is the (maximum dose/m2/hour  $\times$  1.80 m2)/70 Kg.

Results reported above relate only to the sample that was tested.



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Formulation ID: 16

Hamell

03/30/2018

Keshia Parnell - Microbiologist II

Date Reported

Sterility - 14 day sterility report. In accordance with the test methodology, the sample was incubated for 14 days.

 $Fungal-14\ day\ fungal\ report.\ In\ accordance\ with\ the\ test\ methodology,\ the\ sample\ was\ incubated\ for\ 14\ days.$ 



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