



**ARL BIO PHARMA**  
 840 RESEARCH PARKWAY, SUITE 546  
 OKLAHOMA CITY, OK 73104  
 PHONE (405) 271-1144  
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# Microbiology Report

CLIENT: BET Pharmacy-KY  
 Web Report

ARL #: 468474-01

LOT #: 29576@3

DESCRIPTION: Ticarcillin/Clavulanate 30:1 3.1 grams

DATE RECEIVED: 05/16/2018

STORAGE: 20°C to 25°C (68°F to 77°F)

CONTAINER: Five 30 ml clear vials w/ powder in a clear bag

ANALYSIS	Limits	Results	Test Method	Date Tested
Sterility (*Preliminary*)	Sterile / Not Sterile	No Growth at 7 Days	USP <71>	05/22/2018
Endotoxin	19.23 EU/mg	<0.10 EU/mg	USP <85>	05/24/2018
Fungal	Sterile / Not Sterile	No Growth at 7 Days	MBI-114	05/22/2018

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: 1379

05/29/2018

Kerri Hirst - 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/m<sup>2</sup>/hour × 1.80 m<sup>2</sup>)/70 Kg.*

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



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ANALYSIS	Limits	Results	Test Method	Date Tested
Sterility	Sterile / Not Sterile	Sterile	USP <71>	05/22/2018
Fungal	Sterile / Not Sterile	Sterile	MBI-114	05/22/2018

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Formulation ID: 1379

06/05/2018

Kerri Hirst - 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.*

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