



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created October 28, 2020

Product:

Piperacillin Sodium Salt Solution
C₂₃H₂₆N₅O₇S · Na
Sterile-filtered

Catalog #: 400-310
Lot #: F93T00L

Manufacture Date: Oct 2020
Expiration Date: Oct 2022

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Endotoxin	USP <85>	Report	<0.500 EU/mL
Microbiological Testing			
Sterility	USP<71>		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Physical Testing			
Osmolality	USP<785>	Report	581 mOsm/kg
pH @ RT	USP<791>	Report	6.98

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.

DBKumar / 28 OCT 2020

Created by/ date

AKU 28 OCT 2020

Verified by/ date