



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created March 29, 2021


Product: **Piperacillin Sodium Salt Solution**
C₂₃H₂₆N₅O₇S · Na
Sterile-filtered

Catalog #: 400-310
Lot #: F021019


Manufacture Date: Mar 2021
Expiration Date: Mar 2023

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Endotoxin	USP <85>	Report	<0.500 EU/mL
Microbiological Testing			
Sterility	USP<71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Physical Testing			
Osmolality	USP<785>	Report	582 mOsm/kg
pH @ RT	USP<791>	Report	6.93

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



Created by/ date 01 APR 2021



Verified by/ date 01 APR 2021