

CERTIFICATE OF ANALYSIS

Product	Satellite free Ampicillin for 5 L of growth media
Grade	Cell culture
Product Code	BS752
Lot No	

Test Items	Specifications	Actual Results
Physical Properties		
Appearance	Clear Liquid	
Sterile by 0.2 µM filtration	Comply	
Microbiology test		
Absence of bacterial, spores, fungal, or phage contamination	Pass	
Except bacterial colonies, no other growth was visible on plates	Pass	
Visual inspection for absence of satellite colonies	Pass	

***Microbiology test procedure:**

1. LB-Agar media was created using 250 µl of AmpicillinRx per 250 mL of LB(Luria Broth)-Agar media.
2. One 100 mm bacterial plate was created using approximately 25 ml of the LB-Agar media containing AmpicillinRx.
3. DH5 alpha E. coli cells were spread onto the bacterial plate.
4. The bacterial plate was incubated at 37 °C for at least 24 hours to obtain colonies.
5. After 24 hours, presence of colonies and absence of satellite colonies was confirmed by visual observation.

Storage: -15~ -20 °C.