



CERTIFICATE OF ANALYSIS WIT-P-NC-Medium

Media Name: **WIT-P-NC Medium**

Product # **CM-0104**

Lot # 115776200

WIT-P-NC Culture Medium supports the expansion of human primary mammary epithelial cells.

Parameter	Specification Basal medium; Supplement	Result Basal medium; Supplement
Found free of microbial contamination by direct culture	No growth	Pass
Mycoplasma	Negative	Pass
Growth characteristics enabled by media is in accordance with internal QC rates and values	Pass	Pass
pH	7.1 – 7.3	7.14; 7.14
Color	Clear/ amber	Pass
Fill volume	500 MLS +/-7; 15.2 MLS +/-0.05	avg 505; avg 15.18
Osmolarity	305-315; NA	310; NA

Growth Characteristics Testing

One bottle of WIT-P-NC supplement was thawed and combined with one bottle of WIT Basal Media, lot# 115776200. Cholera toxin was added to a final concentration of 100 ng/mL. Cells were grown in culture using WIT-P-NC and were passaged in accordance with the Media QC SOP. Population doubling values and population doubling rates met internal QC specifications.

Data for WIT-P-NC Medium manufacturing lot # **115776200** has been reviewed and approved for release.

Signature

6/30/2017
Date