

## Lifeline Cell Technology Certificate of Analysis

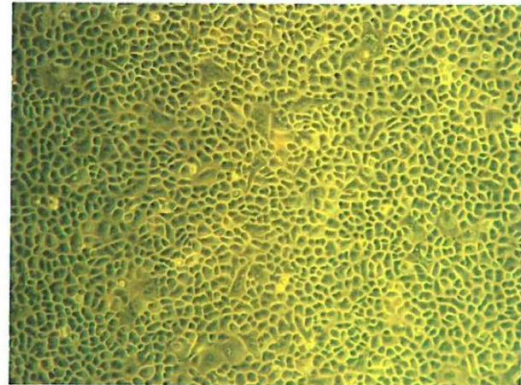
**Product Name:** Human Cervical Epithelial Cells  
**Catalog Number:** FC-0080  
**Product Description:** Cryopreserved human cervical epithelial cells. Cervical Epithelial Cells are cryopreserved in P3, after isolation from tissue cells are cultured for three passages and then cryopreserved. Vials contain 500,000 cells in one ml cryopreservation solution.  
**Product Lot Number:** 06227  
**Manufacture Date:** JUN2017  
**Expiration Date:** Not applicable when stored at or below -150° C

### Product Information

Donor Demographics: ..... Sex: Female Tissue Source: Cervix Age: 25 years  
 Race: Caucasian Cause of Death: Anoxia, Drowning  
 Recommended Culture Medium: ..... ReproLife CX Basal Medium, LM-0055 supplemented with ReproLife CX LifeFactors Kit, LS-1116.

Test	Specifications	Results
Sterility Test (bacteria, yeast and fungi)	negative	negative
Sterility Test, mycoplasma	negative	negative
PCR virus testing:		
Hepatitis B	negative	negative
Hepatitis C	negative	negative
HIV-1 & HIV-2	negative	negative
Viable Cell Count:	≥500,000	975,000 cells/ml
Viability (by Trypan Blue Exclusion):	>70% viable	94.4% viable
Cell Growth:		
Population Doubling capacity	>10 doublings	16.48 doublings
Cell morphology	normal	normal

Picture of P<sub>5</sub> Cervical Epithelial Cells lot# 06227 cultured in ReproLife CX growth medium, day 4 in culture from an inoculation of 5,000 cells/cm<sup>2</sup>.



Quality Control: Jeremy Hammond April 5, 2018

Jeremy Hammond, QC Director Lifeline Cell Technology

To place an order call Lifeline technical and customer service at (877) 845-7787 or you may submit an order form by fax to (443) 393-0393. Order form available on line at [www.lifelinecelltech.com/order](http://www.lifelinecelltech.com/order).