

# Certificate of Analysis

## Human Chondrocytes (HCH)

### Description

Product Name	HCH-c / HCH-p
Order Number	C-12710 / C-12750
Lot Number	8100808.2
Donor Age / Sex / Race	64 / male / caucasian
Tissue / Localization	cartilage / knee joint
Number of Viable Cells	650.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Chondrocyte Growth Medium (Order No.: C-27101)
Stage of Culture	HCH-c: thawing and seeding results in passage 2 (3 <sup>rd</sup> culture) HCH-p: shipped in passage 2 (3 <sup>rd</sup> culture)

### Viability & Growth Characteristics

Viability	89 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	29.8 h / PD *
Population Doublings	> 10 *

### Phenotypic Characterization (tested within the first two passages)

Differentiation capacity	pass
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### Test for Microbial Contaminants and Infectious Viruses

Bacteria / Fungi / Mycoplasma	negative / negative / negative
HIV-1	negative
HBV / HCV	negative / negative

\* Using PromoCell's standardized culture system and procedures. The stated values may vary under customer culture conditions.

The tissue used by PromoCell for the isolation of human cell cultures is derived from donors who have signed an informed consent form, which outlines in detail the purpose of the donation and the procedure for processing the tissue ([www.promocell.com/ethics](http://www.promocell.com/ethics)).



A blue ink signature of Christian Leppert.

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