



Certificate of Analysis for HipSci iPSC

| Cell Line Name | HPSI0115i-iuad_3 | Culture and Passaging Methods. | Feeder Free* |
|----------------------------------|---|--------------------------------|--------------|
| Biosample ID | SAMEA103887419 | Catalogue No. | 77650695 |
| Reprogramming Method | CytoTune 2 | Lot. | 20.10.16 |
| Disease Association | Normal | Donor Cell Material | Skin tissue |
| Gender | Male | Passage No. | 14 |
| Associated Data and Publications | http://www.hipsci.org/lines/#/lines http://www.ebi.ac.uk/biosamples/browse_samples.html?keywords=hipsci | | |

The following standard testing criteria have been determined within CGaP, prior to release of this product:

| Test | Assay | Result |
|------------------------------------|---|--|
| Confirmed Sterility | PCR for Mycoplasma | Pass |
| Cell Line Identity | Fluidigm | Pass |
| Viability post-thaw | Growth to confluence post-thaw | Pass |
| Morphology | Continuous visual assessment of iPSC colony morphology. | Pass |
| Stem Cell Marker Expression | Pluri test | Pass http://www.hipsci.org/lines/# /lines/HPSI0115i-iuad 3 |
| Clearance of Reprogramming Factors | rtPCR analysis | Pass |

| *These Cell lines were cultured in media containing Pen/Strep. | | | | | |
|--|--------|--------------------|------|-----------|--|
| Acceptable for release: | Signed | Project Lead | Date | 29/08/17. | |
| Agreed by: | Signed | Head of Operations | Date | 29/8/17 | |