



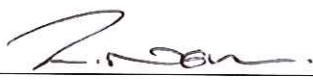
Certificate of Analysis for HipSci iPSC

| | | | |
|---|--|---------------------------------------|--------------|
| Cell Line Name | HPSI1014i-suok_3 | Culture and Passaging Methods. | Feeder free* |
| Biosample ID | SAMEA3355538 | Catalogue No. | 77650282 |
| Reprogramming Method | CytoTune 1 | Lot. | 2.6.15 |
| Disease Association | Bardet-Biedl syndrome (BBS) | Donor Cell Material | Skin tissue |
| Gender | Female | Passage No. | 11 |
| Associated Data and Publications | http://www.hipsci.org/lines/#/lines http://www.ebi.ac.uk/biosamples/browse_samples.html?keywords=hipsci | | |

| 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/HPSI1014i-suok_3 |
| Clearance of Reprogramming Factors | rtPCR analysis | Fail - Positive for Sendai Virus |

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

*These Cell lines were cultured in media containing Pen/Strep.

Acceptable for release: Signed  Date 02/08/16
Project Lead

Agreed by: Signed  Date 02/08/16
Head of Operations