



## CERTIFICATE OF ANALYSIS

Product Code: YBLiHepato

Batch/Lot number: 05082023

Product Description: hiPSC derived Hepatocytes

| Test Description                                                           | Specification         |                   |
|----------------------------------------------------------------------------|-----------------------|-------------------|
|                                                                            | Release Criteria      | Results           |
| <b>POTENCY</b>                                                             |                       |                   |
| Post-thaw cell viability by Trypan blue                                    | > 60%                 | 64%               |
| No. of viable cells per vial                                               | > 1.0*10 <sup>6</sup> | 1*10 <sup>6</sup> |
| Plating Efficiency                                                         | >30%                  | 35.7%             |
| <b>IDENTITY &amp; PURITY (Flow Cytometry, Immunofluorescence and qPCR)</b> |                       |                   |
| % α1AT                                                                     | ≥80%                  | 97.6%             |
| % HNF4 α                                                                   | ≥50%                  | 50.5%             |
| <b>CYP ACTIVITY USING LC/MS MS</b>                                         |                       |                   |
| CYP1A2, CYP2B6, CYP2C9, CYP2C19, CYP2D6, CYP3A4                            | Pass                  | Pass              |
| <b>SAFETY</b>                                                              |                       |                   |
| Endotoxin                                                                  | Negative              | Negative          |
| Mycoplasma                                                                 | Negative              | Negative          |
| Bioburden                                                                  | Negative              | Negative          |

Manufacture date: 05 AUG, 2023



**Registered Address:**  
C232, TTC Industrial Area,  
MIDC, Navi Mumbai 400705  
91-22-6216 6800

**Correspondence Address:**  
C113, TTC Industrial Area,  
MIDC, Navi Mumbai 400705  
91-22-6812 5300