



## Cell Characterization Data Sheet

Donor #: 245-ASC

Lot #: ER20210505

Cell type: hASC, P0

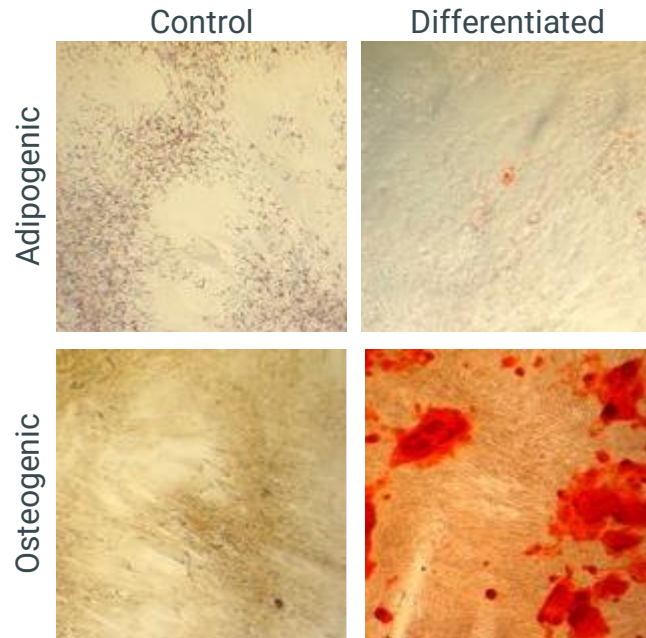
SKU: OS-101-01, OS-101-02, OS-305-01, OS-305-02, OS-305-03

Analysis Date: 3/13/2023

Publication Date: 4/20/2023

## Results

| <i>Analysis</i>                          | <i>Specification</i>              | <i>Value</i> | <i>Unit</i>                            | <i>Method</i>                  |
|--|-----------------------------------|--------------|--|--------------------------------|
| <i>Sterility - Fungal</i>                | Clear                             | Pass         |  | Microscopy                     |
| <i>Sterility - Bacterial</i>             | Clear                             | Pass         |  | Microscopy                     |
| <i>Differentiation - Adipogenic</i>      | Positive staining; lipid droplets | Positive     |  | Oil red O staining             |
| <i>Differentiation - Osteogenic</i>      | Positive staining; calcification  | Positive     |  | Alizarin Red staining          |
| <i>Proliferation</i>                     | >0% indicating metabolic activity | 13.3% ± 1.0  | % reduction, 24-48hr (average ± stdev) | alamarBlue proliferation assay |
| <i>Colony Forming Units - Fibroblast</i> | 0-100 units                       | 5            | # colonies per 100 cells               | Toluidine Blue Staining        |



*Figure: Brightfield microscopy images, 10X. Osteogenic condition stained with Alizarin Red for calcification. Adipogenic condition stained with Oil Red O for lipid.*

Conforms to quality standards for commercial release.

Chief Scientific Officer



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Cecilia Sanchez