

TECHNICAL DATA SHEET

β -TCP Discs

β -TCP discs offered by 3D Biotek are sintered with high crystallinity and purity as shown by XRD and FTIR spectra below (Figures 1 and 2, respectively).

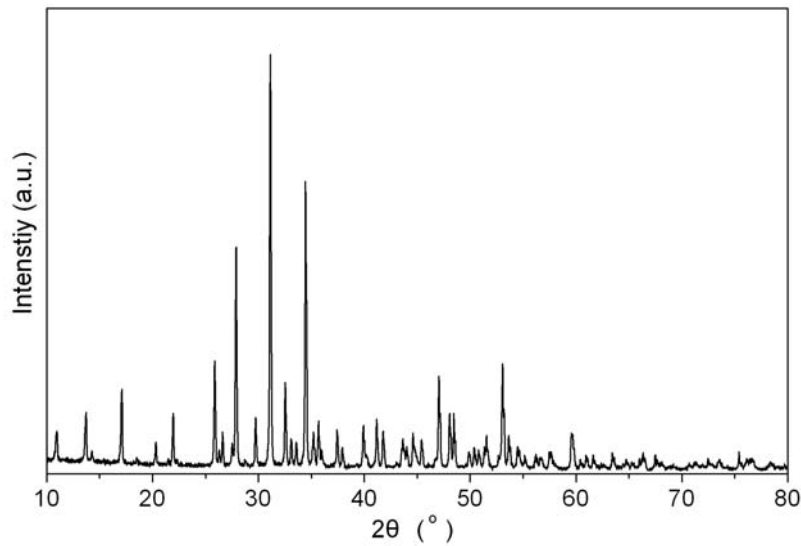


Figure 1. X-ray diffraction spectrum of β -TCP disc after sintering.

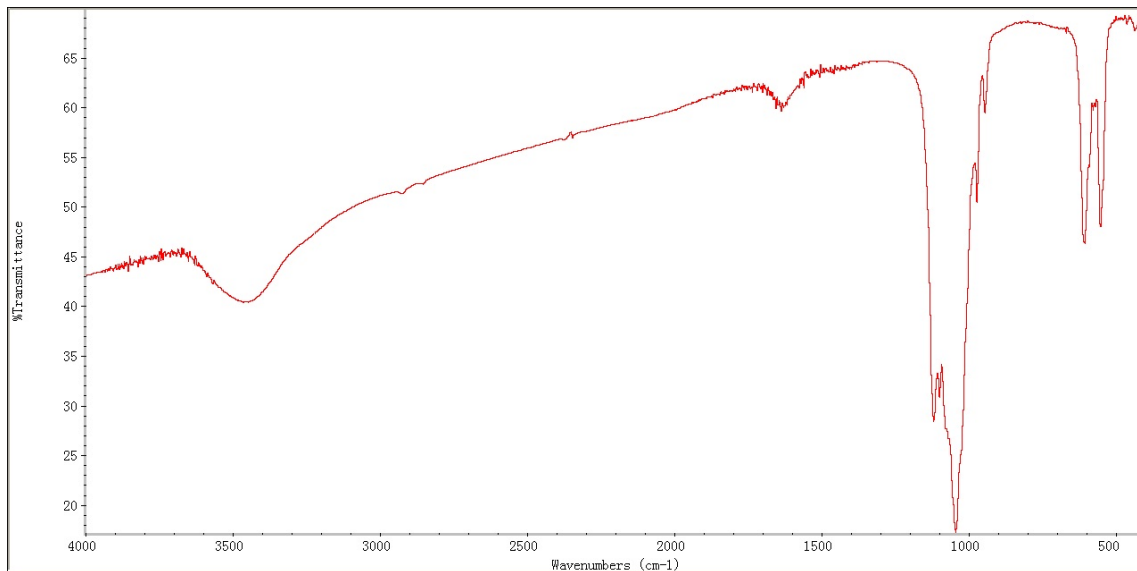


Figure 2. FTIR spectrum of β -TCP disc

These β -TCP discs are non-cytotoxic as indicated by culturing of osteoblasts on their surfaces (Figure 3).

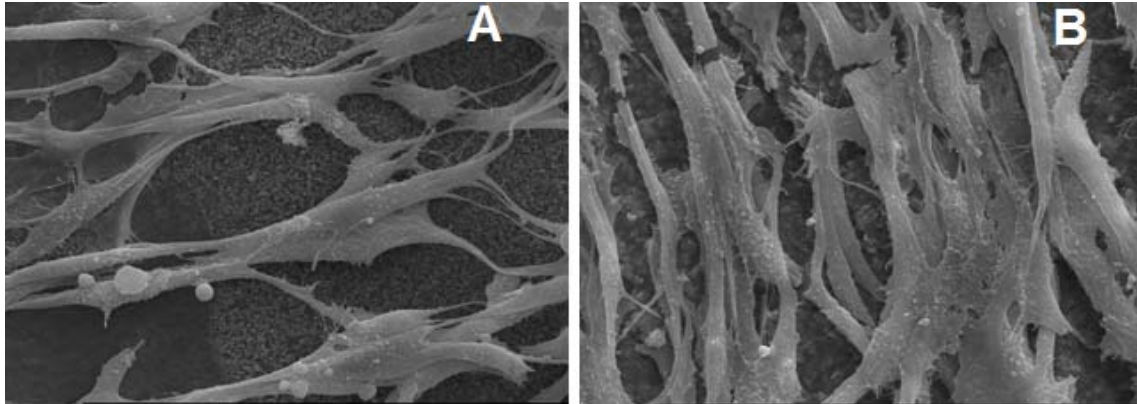


Figure 3. Scanning Electron Microscopic (SEM) images showing that osteoblasts cultured on β -TCP discs at day 3 (A) and day 7 (B) .

Warning: These β -TCP discs are offered for research purposes only. They are not offered for use in or on humans as a device or drug.

Ordering Information

β -TCP discs are individually packaged and terminally sterilized by γ -ray radiation. They are available in multiple sizes for fitting into wells of various tissue culture plates.

When ordering, please choose the right disc diameter that meets your research need.

For ordering, please visit our website at
<http://www.3dbiotekstore.com>

Or call 732-729-6270