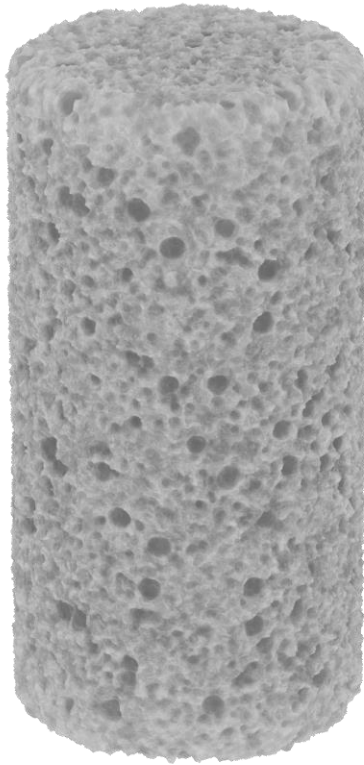


CITREGRAFT™

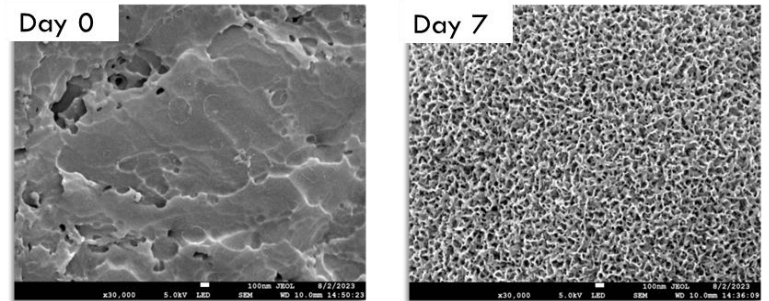


Repair | Regenerate | Resorb

BIOACTIVE COMPOSITION

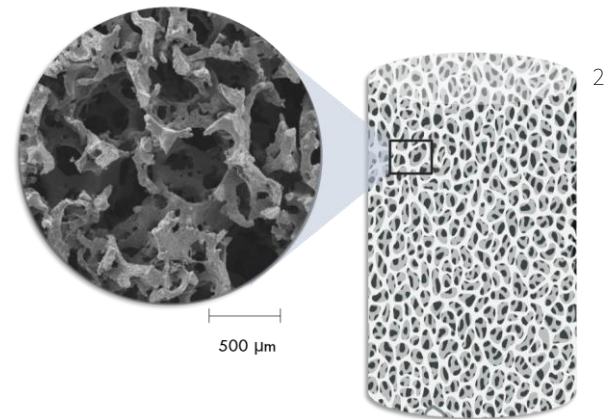
- Exclusively made with CITREGEN® and Bioactive Glass.
- Citrate is highly concentrated in bone and is vital in mineralization, strength, and metabolism.
- Provides a bioactive, osteoconductive surface to bond with living tissue and promote bone regeneration and healing.¹

Bioactive Formulation



HANDLING AND CONFORMING PROPERTIES

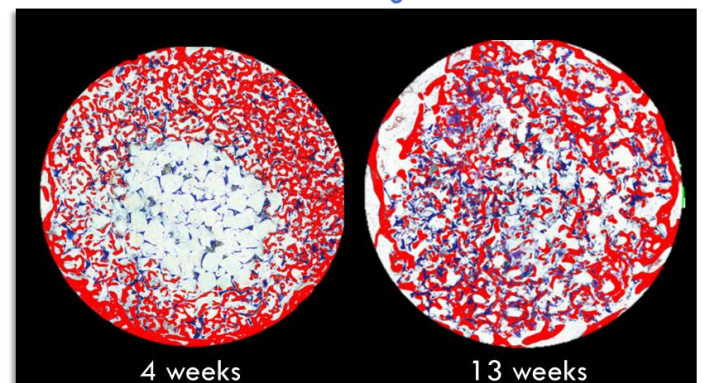
- Over 80% porous with exceptional ability to absorb and retain fluids such as saline, autogenous blood, and bone marrow aspirate.^{2,3}
- Can be easily morselized by hand.
- Packable and conforms to irregular shaped defects.



BIOENERGETIC REGENERATION AND RESORPTION

- Metabolically guides bone regeneration.⁴
- "In response to citrate, human stem cells increase genetic signaling for metabolism, osteoinduction, osteoconduction, and extracellular matrix production."⁴
- Resorbs predictably without chronic inflammation.⁵

In Vivo Bone Ingrowth



References

- (1) Data on file TM230805 (2) Data on file TM240104 (3) Data on file TM240105 (4) A. Thirumaran et al. Bioactive Materials 41 (2024), pp 207-220.
(5) Data on file VP2302-VR01 (rabbit femoral defect model).