

Project Title : High Density Sintered Cattle Bones
for Prosthetic Implant Applications
Name of the Investigator : Charussri Lorprayoon
Year : 1988

Abstract

Calcium hydroxyapatite obtained from cattle bone ash can be prepared to sub-micron size by chemical dissolution and precipitation under the controlled conditions. High density product of calcium hydroxyapatite for bioceramic applications can be produced by sintering at 1280°C . However, it still contained about 10 percent of apparent porosity.