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Author

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Laboratories, Keele University Science Park, Keele, Staffordshire.

Title: pH Analysis of Two Forms of Calcium Sulfate Bone Void Filler**Study Summary**

Four samples of calcium sulfate bone void filler received. Investigate pH of each sample.

Sample Name	Ref	Lot	Appearance
InterSep Sample #1	CS-05cc	016371	White Powder, clear liquid
InterSep Sample #2	CS-05cc	016371	White Powder, clear liquid
Stimulan Rapid Cure #1	620-005D	2018-03a	White Powder, clear liquid
Stimulan Rapid Cure #2	620-005D	2017-12	White Powder, clear liquid

Analytical Methods and Results**pH Analysis**

pH analysis was carried out on the four samples as formed into beads according to the relevant Instructions For Use (IFU). The beads were then individually ground into a fine powder using a pestle and mortar. 1g of each material was used for this analysis.

The analysis was carried out using reverse osmosis (RO) water using a calibrated Thermo Orion meter (s/n H05161) (Bio number 451).

The pH meter was calibrated before use, using fresh calibration solution pH7 and pH10. Results were recorded on QOP12.0.

Analysis carried out according to QTP1.2.

Results

Table 1. pH

Sample	Lot	pH
InterSep Sample #1	RM118901	3.59
InterSep Sample #2	RM118904	3.81
Stimulan Rapid Cure #1	2018-03a	7.35
Stimulan Rapid Cure #2	2017-12	7.25

Conclusions

Under the conditions tested as detailed above, InterSep and Stimulan Rapid Cure have different pH. The InterSep samples both have an extremely acidic pH.