

*pH*resh 10.0

Acidic Calcium Sulfate (ACS)

Acidic Calcium Sulfate (ACS) is produced by the combination of sulfuric acid, calcium sulfate, and calcium hydroxide under controlled environmental conditions. It is produced from food-grade materials that have the US Food and Drug Administration classification of Generally Regarded As Safe (GRAS). Chemical analysis of the blend will demonstrate that it is an ion blend of calcium and sulfate. Most of the calcium hydroxide precipitates out during the process. Since ACS is an ion blend, it does not have a CAS number or an individual GRAS listing per se. Listed below are the components of ACS and the CAS number and US Food and Drug GRAS reference of each:

Sulfuric Acid - 7664-93-9	US FDA GRAS reference 21CFR 184.1095
Calcium Sulfate - 13397-24-5	US FDA GRAS reference 21CFR 184.1230
Calcium Hydroxide - 1305-62-0	US FDA GRAS reference 21CFR 184.1205

Labeling:

The Food and Drug Administration requires labeling of pHresh as “acidic calcium sulfate”.

Kosher Status:

Clients currently using this product have indicated that according to their Rabbi's, this product will not adulterate a Kosher product because it is not organic nor does it come in contact with organic materials.