

Calcium Salts Commonly Used in Restructured Products

Calcium Salt	Common Use	Molecular Weight	% Calcium	Cold Solubility	E Number
Calcium Acetate (monohydrate) <i>Formula: Ca(CH₃COO)₂•H₂O</i>	Calcium bath or spray	176.18	22.75	27%	E 263
Calcium Chloride <i>Formula: CaCl₂</i>		110.99	36.11	40%	E 509
Calcium Lactate <i>Formula: Ca(C₃H₅O₃)₂•5H₂O</i>		308.30	13.0	5%	E 327
Calcium Sulfate anhydrous <i>Formula: CaSO₄</i>	Internal, Neutral, Gelification	136.15	29.44	0.20%	E 516
Calcium Sulfate dihydrate <i>Formula: CaSO₄•2H₂O</i> Faster Ca ²⁺ release than CaSO ₄		172.18	23.28	0.27%	E 516
Calcium Carbonate <i>Formula: CaCO₃</i>	Internal, Acid, Gelification	100.09	40.04	0.0015%	E 170
Dicalcium Phosphate anhydrous <i>Formula: CaHPO₄</i>		136.10	29	<0.02%	E 341b
Dicalcium Phosphate dihydrate <i>Formula: CaHPO₄•2H₂O</i> Faster Ca ²⁺ release than CaHPO ₄		172.10	23.29	0.02%	E 341b
Tricalcium Citrate <i>Formula: Ca₃(C₆H₅O₇)₂•4H₂O</i>		570.50	21.08	0.09%	E 333
Tricalcium Phosphate <i>Formula: Ca₃(PO₄)₃</i> Slower than CaHPO ₄ for Ca ²⁺ release		405.15	29.63	0.002-0.003%	E 341c