Article

Comparison of the Effect of the Amino Acids on Spontaneous Formation and Transformation of Calcium Phosphates

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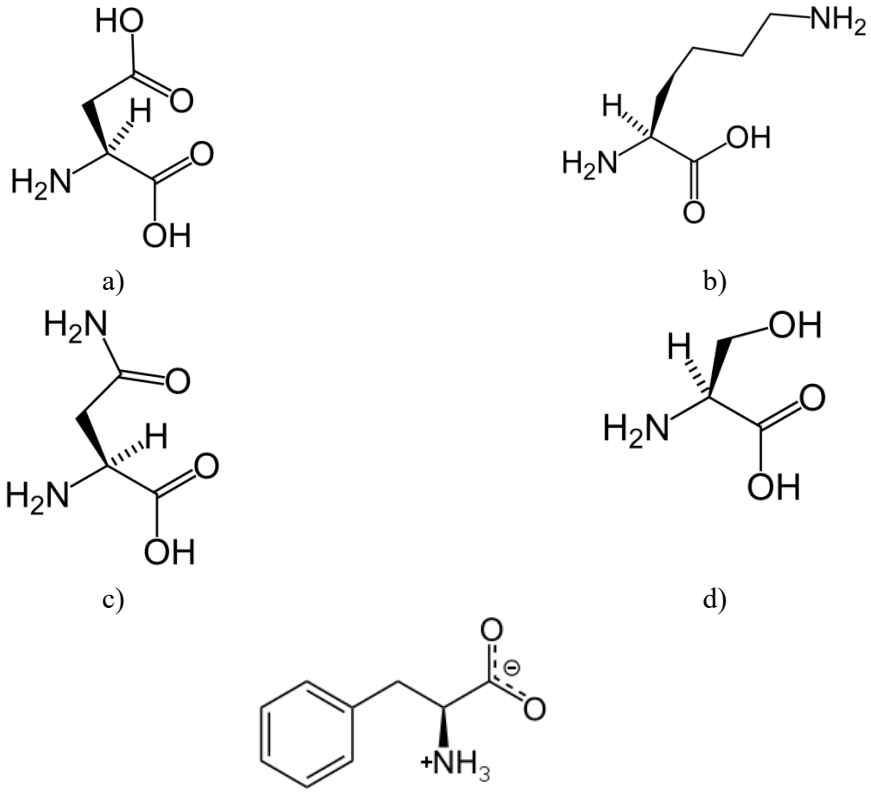

Figure SI1. Molecular structure of investigated amino acids: a) Asp, b) Lys, c) Asn, d) Ser and e) Phe.

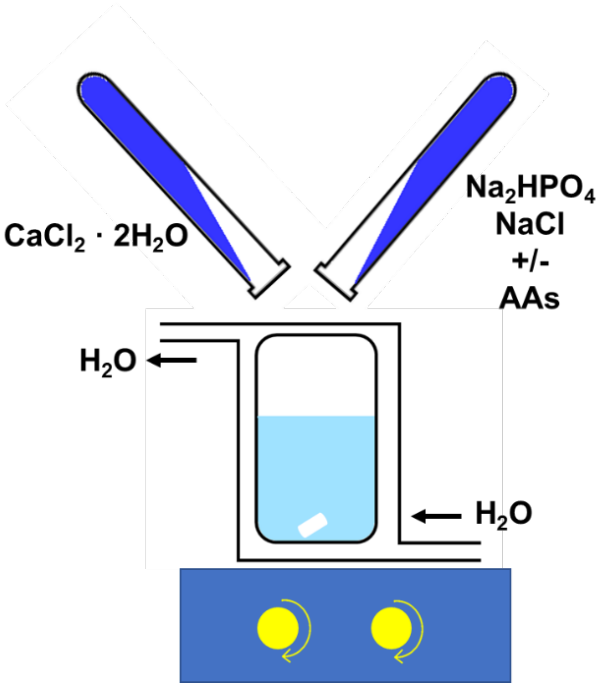

Figure SI2. Schematic illustration of precipitation experiments.

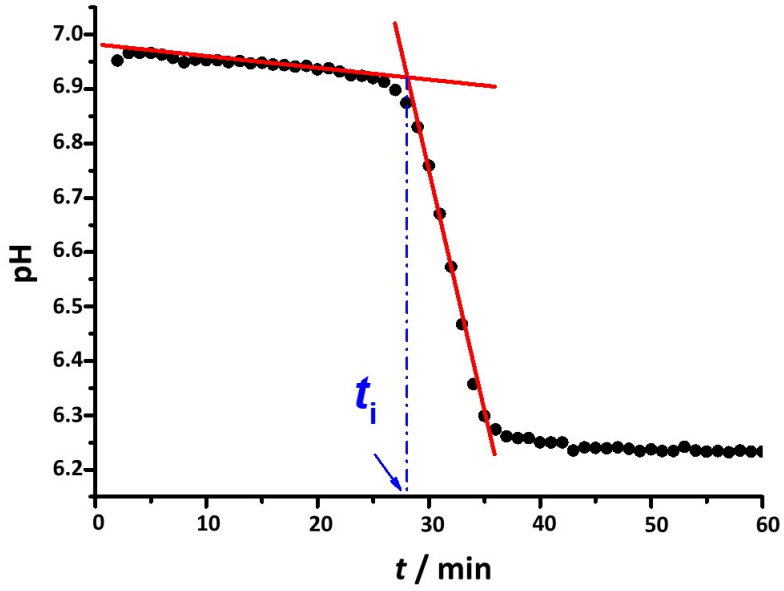

Figure SI3. Determination of induction time (t_i) as the intercept between two tangents drawn on the first two parts of the pH vs time curve.

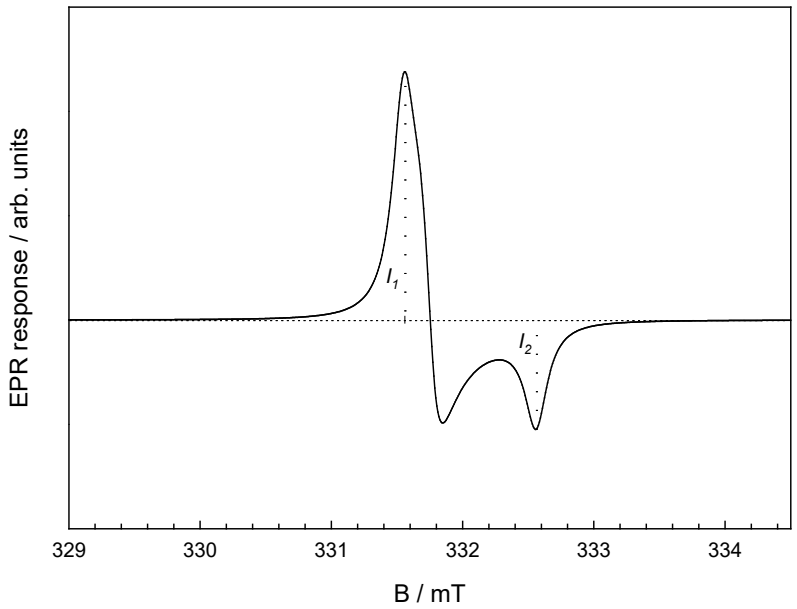

Figure SI4. Definition of *R*-value: $R=I_2/I_1$.

Table SI1. Experimental conditions for precipitation experiments.

$c(CaCl_2 \cdot 2H_2O)$	5 mmol dm^{-3}
$c(Na_2HPO_4)$	5 mmol dm^{-3}
c(NaCl)	0.15 mol dm^{-3}
c(amino acid)	1, 2.5, and 5 mmol dm^{-3}
pH	7.4
V	40 mL
ϑ	(25 ± 0.1) °C
Mixing mode	magnetic stirring