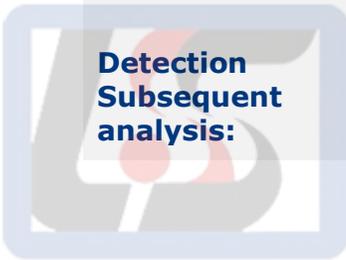


Separation of whey proteins

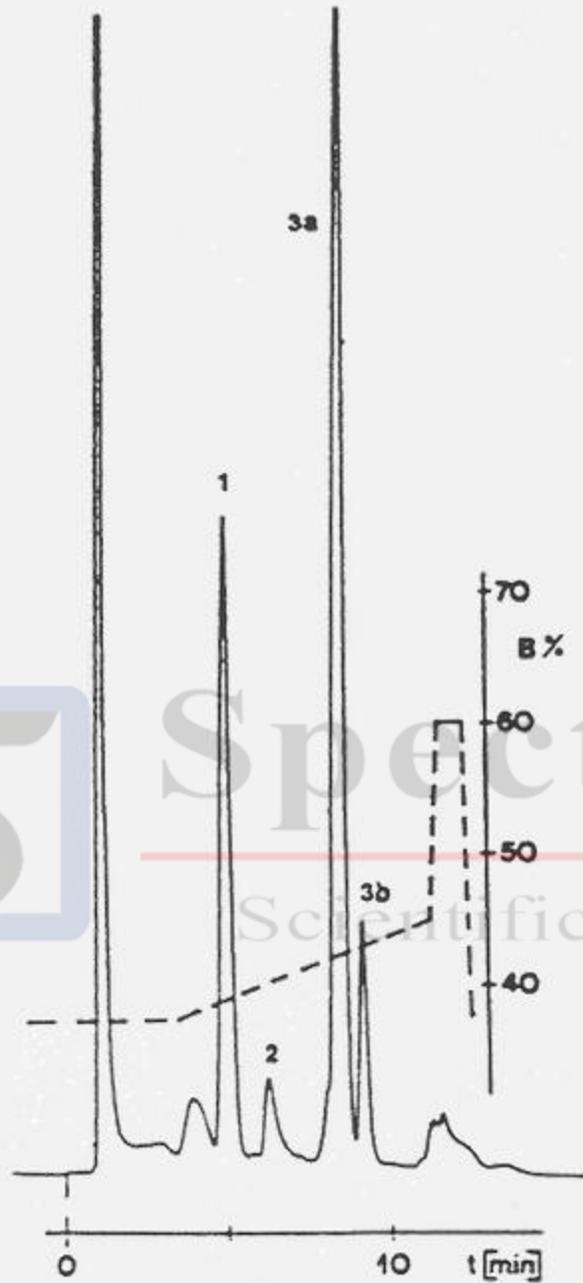
Instrument: [Shimadzu HPLC System](#)

Substances:	lactalbumin-a; bovine serum albumin; lactoglobulin-b
Column:	NUCLEOSIL® 500-5C18 PPN, 125 x 4mm ID
Phase:	Nucleosil 500-5 C18 PPN
Sample pretreatment:	protein constituents of milk whey are separated in about 10min.
Conditions:	eluent A: 0.1% TFA in H ₂ O, eluent B: 0.08% trifluoroacetic acid in CH ₃ CN, gradient from 38 to 45% B in 8min, then from 45 to 60% B in 0.5min
Detection Subsequent analysis:	280nm



SpectralLab

Scientific Incorporation



Legend:

Separation of undiluted, filtered cows milk whey, 1. a-lactalbumin, 2. bovine serum albumin, 3. b-lactoglobulin A and B, sample volume 5 μ l.

Reference: <http://www.mn-net.com/DesktopModules/TabID/8483/default.aspx>