

APPLICATION NOTE

APP.020 – Feedstuff High-Resolution 30

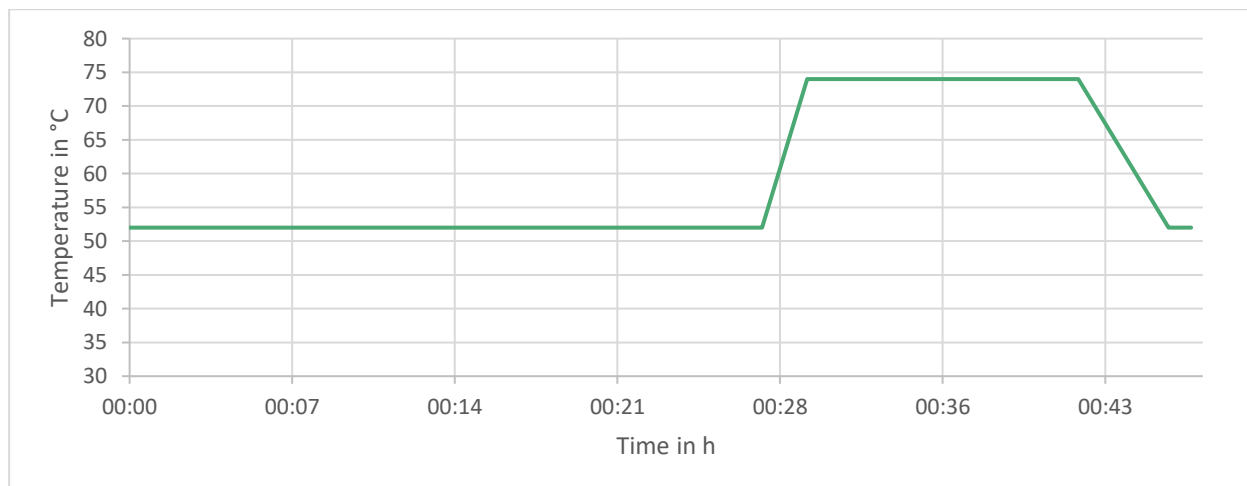


Equipment.....: ARACUS
 Column.....: Sodium system, 125 mm BL x 4.0 mm ID
 Ammonium Absorber, 30 mm x 4.0 mm ID
 Eluents: Sodium system; Eluent A-F Adv – C-F Adv; D-F and F-F
 Runtime.....: 47 min
 Analysis Runtime.....: 28 min
 Gradient.....: Program in Steps
 Eluent Flow: 450 µl/min
 Column Temperature.....: 52 °C to 74 °C
 Injection Volume: 20 µl
 Reagent.....: Ninhydrin (Post-Column Derivatization)
 Reagent Flow.....: 225 µl/min
 Reactor Temperature.....: 130 °C
 Detection.....: Visible – 570 nm (Channel A) / 440 nm (Channel B)
 Sample: Feedstuff Standard add with MET-SO, NLE, ORN, TRP

Eluent Steps:

Time	0 min - 18 min	18 min – 22 min	22 min – 30.5 min	30.5 min – 39 min	39 min - 47 min
Eluent	A	B	C	D	F
Reagent / Wash	Reagent				Wash

Temperature Ramp:



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