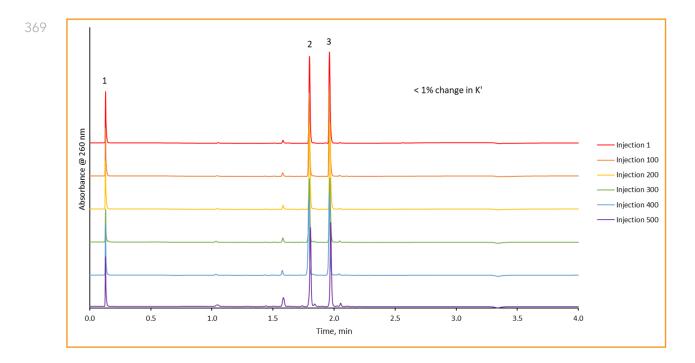
## HALO

PHARMACEUTICALS

High Temperature/ pH Amitriptyline Stability using HALO® Elevate



## **TEST CONDITIONS:**

**Column:** HALO 120 Å ELV C18, 2.7 µm, 2.1 x 50 mm Part Number: 92272-402 Mobile Phase A: 95/5 10mM Ammonium Bicarbonate, pH:10/ Acetonitrile Mobile Phase B: Acetonitrile Gradient: Time %В 0.0 0 2.5 95 95 3.0 3.1 0 5.0 0 Flow Rate: 0.8 mL/min Back Pressure: 220 bar

Temperature: 60 °C Detection: UV/PDA, 260 nm Injection Volume: 1.0 μL LC System: Shimadzu Nexera X2

## **PEAK IDENTITIES:**

- 1. Uracil
- 2. Acenaphthene
- 3. Amitriptyline

A high temperature/ high pH stability run of a common tricyclic antidepressant (amitriptyline) is achieved using a HALO® Elevate C18 column. Less than a 1% change in retention is achieved over 20,000 column volumes.

AMT\_AN\_Rev\_1
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