

Luna (NH₂) Amino

Developed for Ruggedness

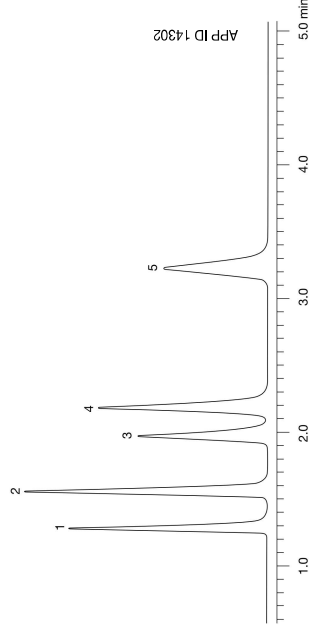
Luna® NH₂ columns were developed to provide improved amino column lifetime. Column life for most amino columns can be problematic as the amino bonding easily strips off the silica. Luna NH₂ columns, however, show good bonded phase stability under both normal and reversed phase modes and across a pH range of 1.5 to 11.0. Such a broad pH range indicates the bonded phase ruggedness and the density of the bonded phase coverage.

The result:

- Long lifetimes and low phase bleed for more reproducible methods
- Excellent retention of simple sugars, complex sugars, sugar alcohols by reverse phase conditions and hydrogen bonding compounds under normal phase conditions
- pH stable from 1.5 to 11.0
- Stable in 100 % aqueous mobile phases

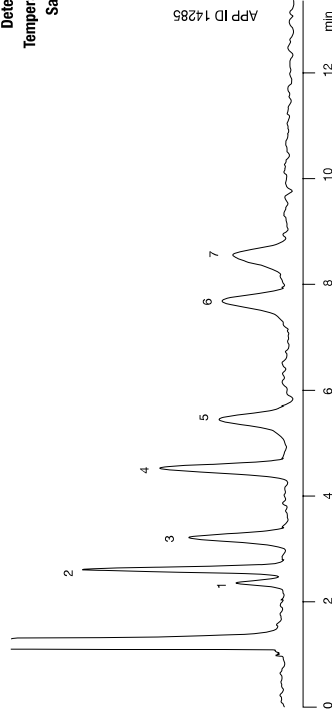
NUCLEIC ACID BASES

Column: Luna 5 µm NH₂
Dimension: 150 x 4.6 mm
Part No.: 00F-4378-E0
Mobile Phase: Acetonitrile/Water (80:20)
Flow Rate: 1.0 mL/min
Detection: UV @ 254 nm
Temperature: 40 °C
Sample: 1. Thymine
 2. Uracil
 3. Cytosine
 4. Adenine
 5. Guanosine



STERIODS

Column: Luna 5 µm NH₂
Dimension: 250 x 4.6 mm
Part No.: 00G-4378-E0
Mobile Phase: Acetonitrile/Water (80:20)
Flow Rate: 3.0 mL/min
Detection: RI
Temperature: 40 °C
Sample: 1. Xylose
 2. Fructose
 3. Glucose
 4. Sucrose
 5. Maltose
 6. Melezitose
 7. Raffinose



Column: Luna 5 µm NH₂
Dimension: 250 x 4.6 mm
Part No.: 00G-4378-E0
Mobile Phase: Hexane/Ethanol (85:15)
Flow Rate: 2.0 mL/min
Detection: UV @ 240 nm
Temperature: 22 °C
Sample: 1. 11-Ketoprogesterone
 2. 11-Hydroxyprogesterone
 3. Cortisone acetate
 4. Prednisolone 21-acetate
 5. Cortisone
 6. Prednisolone

