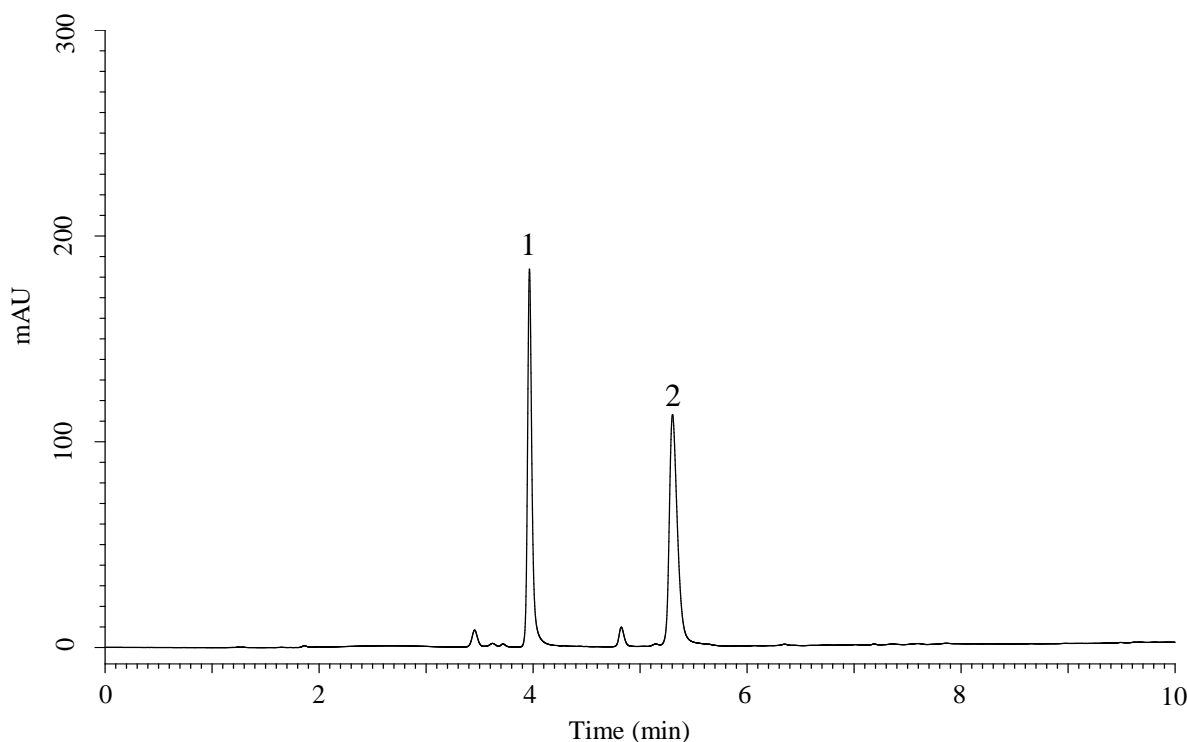


# InertSearch for LC

Inertsil Applications

## Analysis of Nicotinamide adenine dinucleotide (NADH, NAD<sup>+</sup>)

Data No. LB772-0806



### Conditions

**Column** : InertSustain AX-C18 (GL Sciences Inc.)  
(3  $\mu$  m, 150 x 2.1 mm I.D., Metal-free hardware)

**Column Cat. No.** : 5020-91059

**Eluent** : A) 10 mM HCOONH<sub>4</sub> in  
(CH<sub>3</sub>CN/H<sub>2</sub>O = 90/10, v/v)  
B) 10 mM HCOONH<sub>4</sub> in H<sub>2</sub>O

| Time (min) | A (vol%) | B (vol%) |
|------------|----------|----------|
| 0.0        | 2        | 98       |
| 10.0       | 80       | 20       |

**Flow Rate** : 0.3 mL/min

**Col. Temp.** : 40 °C

**Detection** : UV 254 nm

**Injection Vol.** : 1  $\mu$  L

**Sample** : Standard

### Analyte:

1. NAD<sup>+</sup> (Oxidized form)

2. NADH (Reduced form)

(500 mg/L each)