

A: DI Water / 16.0mM Ammonium Formate

B: 90% Acetonitrile / 10% DI Water / 16.0mM Ammonium Formate

Gradient:

Time (minutes)	%B
0	95
0.5	95
10	70
15	30
20	30
20.1	95

Temperature: 25°C

Post Time: 3 minutes

Injection vol.: 1 µL

Flow rate: 0.4mL / minute

Detection: UV @ 254nm

Sample Preparation: Stock Solution: 1mg / mL solutions in DI Water. Samples were diluted 1:10 into 50% Acetonitrile / 50% DI Water mixture. Before injection, samples were filtered through a 0.45µm Nylon Syringe Filter (MICROSOLV Tech Corp.).

t₀: 0.7 minutes

Note: The ratio of the Adenine Nucleotides (Adenosine ATP/ADP/AMP) is measured to indicate cell energy status or cell apoptosis/death, or ischemia in a tissue.



Attachment No 259 Separation of Adenine Nucleotides pdf [Download File](#)

Printed from the Chrom Resource Center

Copyright 2025, All Rights Apply

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com