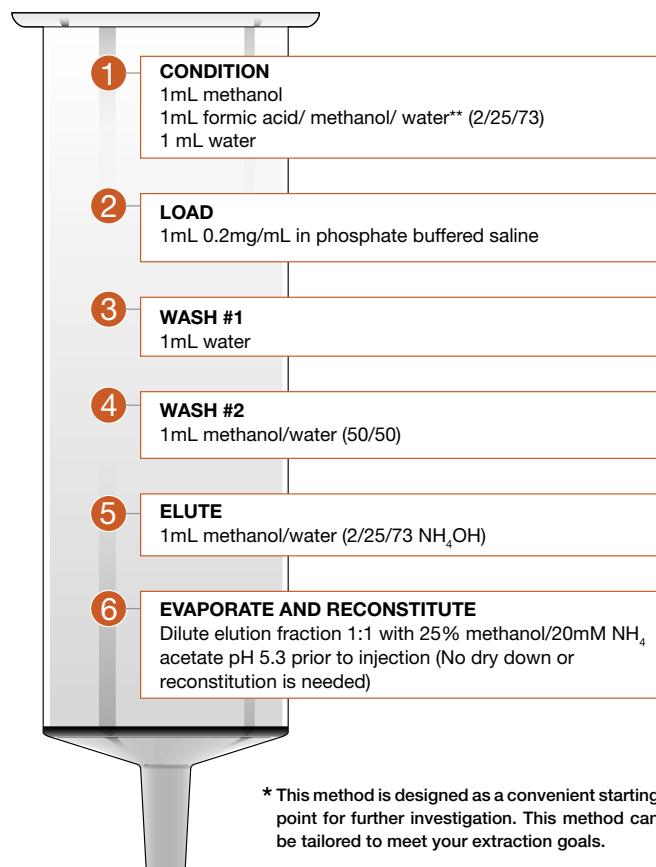


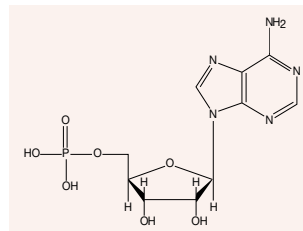
Extraction of Nucleotides using strata™ X-AW and Gemini™

Strata Method* strata-X-AW (30mg/1mL)

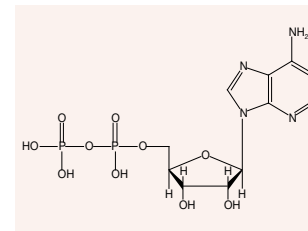


** Protonates phase improving selectivity

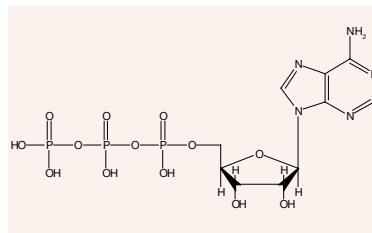
AMP



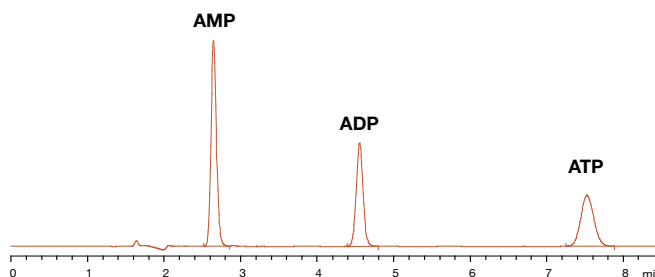
ADP



ATP



HPLC chromatogram of extracts



HPLC Analysis Conditions:

Column:	Gemini 5µm C18 110Å, 150 x 4.6mm
Order No.:	00F-4435-E0
Mobile Phase:	25% Acetonitrile/10mM KH ₂ PO ₄ pH 7.0/ 5mM TBAC
Injection:	5µL
Flow Rate:	1.0mL/min
Temperature:	30°C
Detector:	UV @ 260nm

Results

Analyte	% Recovery	% RSD (n=3)
1. AMP	81	2.0
2. ADP	90	0.3
3. ATP	92	0.1

Ordering Information

Order Number	Description
8B-S038-TAK-TN	strata-X-AW 30mg/1mL Tubes (100/Box)
8B-S038-UBJ-TN	strata-X-AW 60mg/3mL Tubes (50/Box)
8B-S038-FCH-TN	strata-X-AW 200mg/3mL Tubes (50/Box)
8E-S038-AGB-TN	strata-X-AW 96-Well Plate 10mg/well (2/Box)
8E-S038-TGB-TN	strata-X-AW 96-Well Plate 30mg/well (2/Box)
8E-S038-UGB-TN	strata-X-AW 96-Well Plate 60mg/well (2/Box)

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