

### Stability study of K-ACETAK reagents at 15°C

*Method:* as per the 6 mm path-length option on page 2 of the booklet.

*Assays:* 2.0 mL R1 + 0.4 mL sample (either 0.27 g/L sodium acetate) or blank (deionised water). After 3 min, A<sub>1</sub> absorbance reading taken, then 0.16 mL of R2 added. Final A<sub>2</sub> absorbance reading taken after a further 10 min.

*Results:* No significant change in results, even after 7 days at 15°C. Starting absorbances did decrease a little (i.e. 1.464 to 1.328) as would be expected over this time period, and at this temperature. However, still more than sufficient NADH at 7 day time point to give quantitative results.

Time point (days at 15°C)	Assay	A <sub>1</sub>	A <sub>2</sub>	A <sub>1</sub> -A <sub>2</sub>	S-B	% of starting value
0	Blank	1.464	1.236	0.228	-	-
	Sample	1.465	0.376	1.089	0.861	100.00
2	Blank	1.420	1.181	0.239	-	-
	Sample	1.421	0.323	1.098	0.859	99.77
7	Blank	1.328	1.063	0.265	-	-
	Sample	1.331	0.208	1.123	0.858	99.65