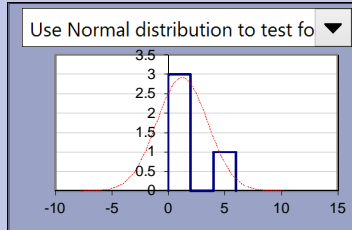


# Test Results

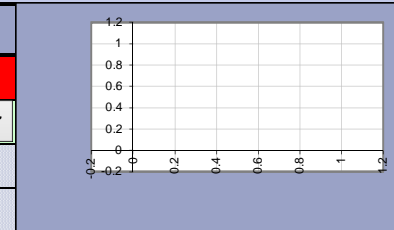
Client/client ref: Welsh Governr Site ref: Cosmeston  
 Project ref: 7061b Data description:

Date: 00-Jan-1900  
 User details:

<b>Dataset:</b>	Napthalene (mg/kg) ▼
Sample mean, $\bar{x}$ (mg/kg)	1.225
Sample standard deviation, s	2.25
Sample size, n	4
Critical concentration, Cc (mg/kg)	2.3



<b>Outliers &amp; non-detects</b>	
Outliers present?	<b>YES</b>
Significance level	5% ▼
Outliers removed?	0
Non-detects	0



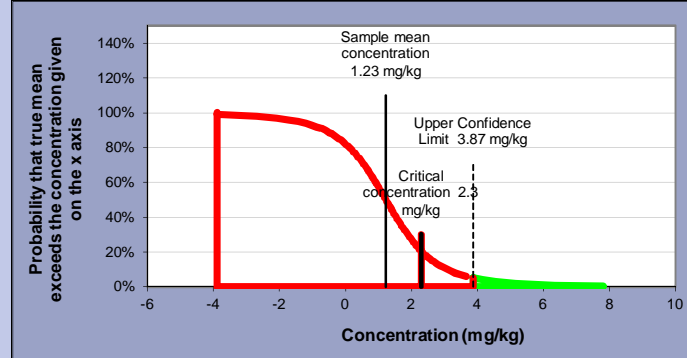
**Normality test**

Significance level: 5% ▼

Non-normal distribution

Change: One-sample t-test ▼

<b>Test scenario:</b>	Planning: is true mean lower than critical concentration ( $\mu < C_c$ )? ▼
<b>Null hypothesis:</b>	The true mean concentration is equal to or greater than the critical concentration: $\mu \geq C_c$
<b>Alternative hypothesis:</b>	The true mean concentration is less than the critical concentration: $\mu < C_c$



<b>Evidence against Null hypothesis:</b>	<b>80%</b>
Base decision on:	evidence level ▼
Evidence level required:	<b>95%</b>
Balance of probability?	N/A
Reject Null Hypothesis?	No

**Not enough evidence**

- Back to data
- Back to summary
- Go to outlier test
- Go to normality test