



PRODUCT APPLICATION

Uricase has been successfully used for the detection of uric acid in different samples. Also used in disposable test strips for clinical analysis of kidney disease..

PRODUCT BENEFITS

Good enzyme activity and stability. The stabilised enzyme shows a greatly enhanced shelf life on biosensors manufactured for the detection of pesticides.

STABILITY DATA

Stable for:
 32 days at +25°C
 22 days at +37°C

STABILISER INFORMATION

This enzyme has been stabilised using our Q2090625D20 stabiliser solution. The solution is delivered in double strength to be added to the unstabilised enzyme in buffer. For more information on our range of stabiliser solutions please contact our sales representative.

PHYSICAL PROPERTIES

Uricase	<i>E.C. 1.7.33</i>
Source	<i>Recombinant E. coli</i>
Appearance	White powder
Form supplied	Stabilised powder
Activity	> 1 units per mg
pH stability ²	7-11
Quality Control	Activity determined by spectrophotometric assay
Storage	-20°C

Unit Definition	One unit is defined as the amount of enzyme which oxidised one micromole of uric acid per minute at 25° C and pH 8.5
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SAFETY AND HANDLING

Read the Material Safety Data Sheets (MSDS) and product labels before using the products.

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