



PRODUCT APPLICATION

Creatininase has been successfully used in conjunction with Sarcosine Oxidase and Creatinase for the determination of creatinine in clinical analysis both optically and electrochemically.

PRODUCT BENEFITS

The stabilised Creatininase shows prolonged activity with respect to the same enzyme without stabiliser at elevated temperatures of 37°C and 50°C.

STABILITY DATA

Stability study in dry state on microtitre plate format at 37°C and 15% humidity using AET stabiliser formulation.

STABILISER INFORMATION

This enzyme has been stabilised using our Q2090625D13 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

Creatininase	E.C. 3.5.2.10
Source	<i>Recombinant E.coli</i>
Appearance	Freeze dried powder
Form supplied	Dry stabilised powder
Quality Control	Activity determined by spectrophotometric assay
Storage	Storage at -20°C

Unit Definition	One unit is defined as the amount of enzyme which produces one micromole of creatine per minute at 37°C.
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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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