

<b>Product:</b>	<b>CREATINASE</b>
<b>Product code:</b>	<b>CR1F</b>
<b>E.C. number:</b>	3.5.3.3
<b>CAS number:</b>	37340-58-2
<b>EINECS number:</b>	253-471-1
<b>Systematic name:</b>	Creatine amidinohydrolase
<b>Source:</b>	Recombinant <i>Escherichia coli</i>
<b>Form:</b>	A freeze-dried material.
<b>Storage conditions:</b>	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours.
<b>Unit definition:</b>	That amount of enzyme which produces one micromole of urea per minute at 37°C and pH 7.7
<b>Activity:</b>	Not less than <b>9.0 U/mg material</b>
<b>Contaminants:</b>	Based on typical values obtained during development studies. Catalase: ≤ 0.5%