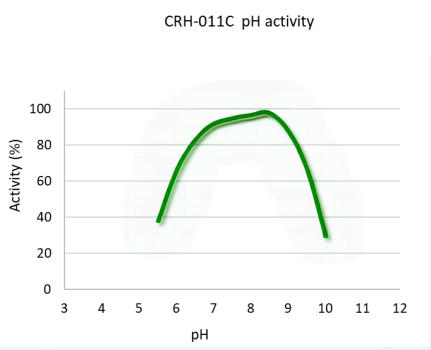
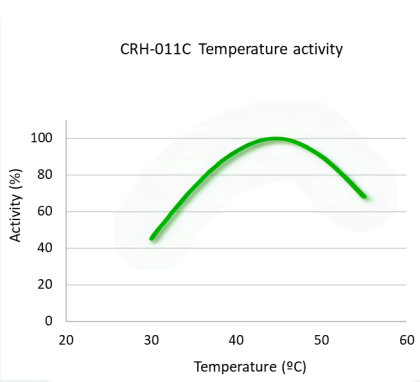
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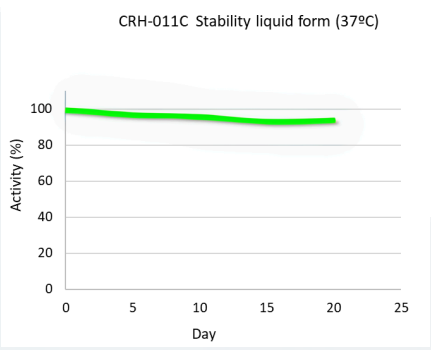
SPECIFICATIONS

Creatinase from microorganism
CRH-011C

Product name	Creatine amidinohydrolase
EC	3.5.3.3
Appearance	White amorphous powder lyophilized
Activity	9.0 U/mg-solid or more
Contaminants	Catalase ≤ 2.0%
Stabilizers	Sugars
Stability	Stable at −20℃ for at least 15 months
Molecular weight	approx. 90,000
Isoelectric point	4.5
Michaelis constants	4.5×10^{-3} M (Creatine)
Inhibitors	Hg^{2+}, Cu^{2+}, $Ag+$
Optimum pH	6.5—8.5
Optimum temperature	40—50 ℃
pH Stability	pH 4.0—10.0
Thermal stability	below 50℃







Innovation Diagnostic Chemicals Limited sales@innovationdiagnosticchemicals.ie

INNOVATION DIAGNOSTIC CHEMICALS 17B Fota Business Park, IE T45EY16 Carrigtwohill, Cork, Irland.