



Creative Enzymes

Diagnostic Enzymes

High Purity Isoamylase from *Pseudomonas* sp.

Product Information

Cat#	DIA-533
Source	<i>Pseudomonas</i> sp.
Description	High purity isoamylase (glycogen 6-gluconohydrolase) for use in research, biochemical enzyme assays and in vitro diagnostic analysis. Suitable for use in ISO Standard 6647-1:2015.
Form	Suspension
Activity	~ 240 U/mg (40 °C, pH 4.0 on oyster glycogen)
Unit Definition	One unit of isoamylase activity is the amount of enzyme required to release one μ mole of D-glucose reducing sugar equivalent in the presence of oyster glycogen per min at pH 4.0 and 40 °C.
Storage	2–8 °C
Synonyms	Isoamylase; glycogen 6- α -D-gluconohydrolase
Enzyme Commission Number	EC 3.2.1.68
Stability	> 1 year under recommended storage conditions
Applications	Applications in carbohydrate research and in the food and feeds, and cereals industry.
Molecular Weight	71500 Da
Concentration	~ 500 U/mL
Specificity	Hydrolysis of (1,6)- α -D-glucosidic branch linkages in glycogen, amylopectin and their β -limit dextrans.

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