



PUNATURE FOOD INGREDIENTS CO., LTD

Room 202, No. 15, Lane 978 Jindu Road, 201108 Shanghai, China

PRODUCT SPECIFICATION

Product Name: INVERTASE LIQUID **Strain:** *Saccharomyces cerevisiae*

Optimum temperature: 45~55°C **Optimum pH:** 4.5~5.5

Composition: Glycerol, Invertase

Items	Standard Values	Method/Remarks
PHYSICAL & CHEMICAL ANALYSIS		
Appearance	Light brown liquid	Visual
Odour & Taste	Characteristic odour and taste	Taste
IDENTIFICATION		
Identifiable activity	Positive for Invertase Activity	In-house
ACTIVITY		
Invertase activity	$\geq 6,000$ SU/ml	FCC VII
MICROBIOLOGICAL		
Total plate Count	≤ 1000 CFU/ml	FDA BAM Online Ch.3
Coliform bacteria	≤ 30 CFU/ml	FDA BAM Online Ch.4
E.Coli	Negative in 25ml	FDA BAM Online Ch.4
Salmonella	Negative in 25ml	FDA BAM Online Ch.5
Yeast and Mold	≤ 50 CFU/ml	FDA BAM Online Ch.8
HEAVY METALS		
Lead	≤ 5 ppm	USP <231>
Arsenic	≤ 3 ppm	USP <231>

Packing: 25L/barrel

Storage condition:

Store in cool and dry place protected from light, keep drum close when not in use.

Shelf Life: under prescribed storage conditions and air-tight packing will be 2 years.