innovation diagnostic chemicals
17B Fota Business Park, Carrigtwohill, Cork T45EY16

PRODUCT SPECIFICATIONS

Product :	**Lipoproteine lipase**
Origin :	**Pseudomonas sp.**
Code :	**LIP-700**
E.C. Number :	**3.1.1.34**
Nomenclature :	**Triacylglycero-protein acylhydrolase**
Form :	**Light brown freeze-dried powder**
Molecular weight :	**134,000**
Activity :	**≥ 20 u/mg**
Contaminants :	**Phosphatase ≤ 10^{-3} %; Catalase ≤ $2x10^{-2}$ %; NADH oxidase ≤ 10^{-3} % Cholesterol oxidase ≤ $2x10^{-3}$ %**
Optimum temperature :	**45 - 50 °C**
Optimum pH :	**7.0 - 9.0**
Unit definition :	**1 unit causes the formation of 1 micromole of glycerol/min at 37°C and pH 7.5**
Stability :	**12 months**
Storage :	**-20 °C**