

Active Native Porcine Esterase

Cat. No. PLE-172P Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified Native Porcine Liver Esterase. CAS Number: 9016-18-6; E.C. Number: 3.1.1.1
Species	Pig
Source	Porcine (Pig) Liver
Description	Porcine liver Esterase has been used as a substitute for Leukocyte Esterase. White blood cells in the urine usually indicate a urinary tract infection. The leukocyte esterase (LE) test detects esterase, an enzyme released by white blood cells. Leukocyte esterase (LE) is a urine test for the presence of white blood cells and other abnormalities associated with infection. Porcine liver esterase is used to catalyze the hydrolysis of pentaacetyl catechin and epicatechin for use in pharmaceutical and industrial applications.
Form	Liquid in 3.2 M ammonium sulfate suspension
Bio-activity	≥ 150 U/mg protein
Molecular Mass	162000
Unit Definition	One unit will catalyze the hydrolysis of one micromole of ethyl butyrate to butyrate and ethanol per minute at pH 7.4 and 37C
Storage	Store at 2-8 °C.

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