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

PRODUCT SPECIFICATIONS

Product :	**Phospholipase D**
Origin :	**Streptomyces chromofuscus**
Code :	**PHD-50**
E.C. Number :	**3.1.4.4**
Nomenclature :	**Phosphatidylcholine phosphatidohydrolase**
Form :	**Brown lyophilized powder**
Molecular weight :	**57,000**
Activity :	**≥ 40 u/mg**
Contaminants :	**catalase ≤ 0.3 u/mg; glucose oxidase not detectable**
Optimum pH :	**7.0 - 8.5**
Unit definition :	**1 unit causes the hydrolysis of 1 micromole of lecithin/min at 37°C and pH 8**
Stability :	**12 months**
Storage :	**-20 °C**