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

PRODUCT SPECIFICATIONS

Product :	**Peroxidase**
Origin :	**Horseradish**
Code :	**POX-538**
E.C. Number :	**1.11.1.7**
Nomenclature :	**Donor:hydrogen-peroxide oxidoreductase**
Form :	**Reddish-brown powder**
Activity :	**≥ 110 u/mg** (RZ ≥ 1.0)
Contaminant :	**Phosphatase: ≤ 0.001 %**
Optimum pH :	**6.0 – 7.0**
Unit definition :	**1 unit causes the formation of 1 milligram of purpurogallin in 20 sec at 20°C and pH 6.0**
Stability :	**12 months**
Storage :	**-20 °C**