



## PRODUCT SPECIFICATION

### Horseradish Peroxidase (HRP), RZ $\geq$ 3.0

**Catalog Number:** H0214      **Part Number:** 90132

**Source:** Horseradish Roots

#### **Form**

Brown to red-brown powder

#### **Purity Specification**

Reinheitszahl (RZ) value  $\geq$  3.0

The RZ value is the absorbance ratio (A403 / A275) of a 0.5 to 1.0 mg/ml solution. It is a measure of the hemin content, not enzymatic activity. Preparations with high RZ values may have low enzymatic activity.

#### **Activity Specification**

$\geq$  250 units/mg solid

One unit of enzyme will form 1 mg purpurogallin from pyrogallol in 20 seconds at 20°C, pH 6.0.

#### **Storage / Shipping**

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen below -15°C. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles.

#### **Precaution / Hazard Statement**

This product is not considered a biohazard. Handle using normal laboratory procedures.

**Intended Use:** For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

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