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## Product Specification

Product Name:

Peroxidase from horseradish - Type II, essentially salt-free, lyophilized powder, 150-250 units/mg solid (using pyrogallol)

**Product Number:** P8250  
**CAS Number:** 9003-99-0  
**MDL:** MFCD00071339

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)

Brown to Very Dark Brown and Red to Very Dark Red

Appearance (Form)

Powder

units/mg solid

150 - 250

Enzymatic Activity

Unit definition: One unit will form 1.0 mg of Purpurogallin from Pyrogallol in 20 sec at pH 6.0 at 20 deg C.

RZ

≥ 1.8

The RZ is defined as the ratio of the absorbance at 403 nm to the absorbance at 275 nm. This value is an expression of the ratio of hemin to protein content.

Recommended Retest Period

4 years

Specification: PRD.1.ZQ5.10000031511

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.