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## Product Specification

Product Name:

Peroxidase from horseradish – Type VI-A, essentially salt-free, lyophilized powder, 950–2000 units/mg solid (using ABTS), ≥250 units/mg solid (using pyrogallol)

Product Number:

P6782

CAS Number:

9003-99-0

MDL:

MFCD00071339

Storage Temperature:

2 - 8 °C

### TEST

### Specification

Appearance (Color)

Brown to Very Dark Brown and Red to Very Dark Red

Appearance (Form)

Powder

Solubility (Color)

Light Brown to Dark Brown to Dark Red

Solubility (Turbidity)

Clear

10 mg/mL of 0.1M Phosphate Buffer, pH 6.0

units/mg solid

950 - 2000

ABTS Units

One unit will oxidize 1 micromole of 2,2'-Azino-Bis(3-Ethylbenzthiazoline-6-Sulfonic Acid) per minute at 25 deg C at pH 5.0.

units/mg solid

≥ 250

One unit will form 1.0 mg Purpurogallin from Pyrogallol in 20 seconds at pH 6.0 at 20 deg C.

RZ

2.5 - 4.0

Note

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

Recommended Retest Period

5 Years

Specification: PRD.2.ZQ5.10000069169

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