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Product Specification

Product Name:

Peroxidase from horseradish – Suitable for manufacturing of diagnostic kits and reagents

Product Number:

SRE0082

CAS Number:

9003-99-0

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

Activity (solid)

≥ 1000 UN/mg

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

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

1 Year

Specification: PRD.1.ZQ5.10000070532

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