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### Certificate of Analysis

Product Peroxidase  
Source Horseradish Roots  
Storage Store at -20°C.  
Code HPOD  
Lot Number  
Re-Assay Date  
Description A soluble, dialyzed, lyophilized powder. RZ 1.0.  
Unit Definition One Unit decomposes one micromole of hydrogen peroxide per minute at 25°C, pH 7.0, using a 4-aminoantipyrine/phenol assay at 510 nm.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mg dw	460	≥85 units per mg dry weight
RZ	2.69	≥1

Approved by: Thomas R. Ryan, Quality Control Manager (signature on file)

Date: 3/27/20