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Certificate of Analysis

Product Galactose Oxidase
Source Dactylium dendroides
Country of Manufacture USA
Storage Store at -20°C. PROTECT FROM MOISTURE.
Code GAO
Lot Number
Re-Assay Date
Description Supplied as a lyophilized powder containing sodium phosphate and sucrose as stabilizers.
Unit Definition One unit equals a change in absorbance at 425 nm of 1.000 per minute at 25°C, pH 6.0 using a peroxidase/o-tolidine coupled assay with galactose as the substrate.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mg dw	87.6	≥30.0 units per mg dry weight
% Catalase	4.9%	Report assay value.
A280nm @ 1 mg/ml	0.38	Report assay value.

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

Date: 2/16/18