

### Certificate of Analysis

Product            Glucose-6-Phosphate Dehydrogenase, Lyophilized

Source            Leuconostoc mesenteroides

Country of  
Manufacture      USA

Storage           Store at 2-8°C.

Code              ZFL

Lot Number

Re-Assay Date

Description      Chromatographically purified. Phosphohexose isomerase, phosphogluconate dehydrogenase, adenylate kinase and creatine phosphokinase contaminant activities 0.02%, 0.003%, 0.002% and 0.002% respectively. A lyophilized powder.

Unit Definition   One Unit reduces one micromole of NADP per minute at 30°C, pH 7.8

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
NADP u/mgP	305	≥200 NADP units per mg protein
u/mg dw	305	Report assay value.
% Protein	100%	Report assay value.
% PHI	0.0002%	≤0.02%
% 6-PGDH	None detected	≤0.003%
% AK	None detected	≤0.002%
% CK	0.00007%	≤0.002%