## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 06624

**Lot Number** 001633-04102012

Product Pyroglutaminol

(S)-5-(Hydroxymethyl)-2-pyrrolidinone

CAS Number 17342-08-4 Molecular Formula C<sub>5</sub>H<sub>9</sub>NO<sub>2</sub>

Molecular Weight 115.12

**Appearance** White crystalline solid

**Optical Rotation** [a]<sub>D</sub> =  $+30.5 \pm 2^{\circ}$  (C=1 in EtOH)

<sup>1</sup>**H NMR** Conforms to structure

Purity by HPLC 98.5%

**Storage** Store at 2-8 °C

**Remarks** See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

**Bala Kumar** 

**Quality Control Manager**