

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 01514  
**Lot Number** 000996-1306074798  
**Product** **Tween 60**

Polysorbate 60

**CAS Number** 9005-67-8

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**Appearance** Yellow paste  
**Freezing Point** 56.0 °C  
**Heavy Metals** < 5.0 ppm  
**Trace Metal Analysis** Lead (Pb): < 2 ppm  
**Arsenic (As<sub>2</sub>O<sub>2</sub>)** < 1 ppm  
**Water Content (Karl Fisher)** 1.7%  
**pH** 6.83 (5%)  
**Acid value** 0.8 mg KOH / g  
Stearic and Palmitic Acid: 201 mg KOH / g  
**Infrared Spectrum** Conforms to structure  
**Peroxide** 3.2 meq / 1000 g  
**Saponification Value** 51.54 mg KOH / g  
**Residual Solvents** Passes test  
**Ash** < 0.25%  
**Storage** Store at RT  
**Additional Information** 1,4-Dioxane: < 1.00 ppm  
Hydroxyl value: 91.95 mg KOH / g  
Free ethylene oxide: < 1.00 ppm  
Oxyethylene content: 66.97%  
Stearic and Palmitic Acid: 24.0 g / 100 g  
Identification: Passes test  
C18 Stearic Acid: 54.3%  
C16 and C18: 95.2%  
Gardner color: 4-3

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**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**