



## Specification

### Tween 80

**Catalog Number:** TW1005  
**CAS Number:** 9005-65-6  
**Molecular Formula:** C<sub>32</sub>H<sub>60</sub>O<sub>10</sub>  
**Molecular Weight:** 604.81  
**Storage:** 15°C – 30°C  
**Retest Date:** Four years after date of manufacture.

Test	Specification
Appearance	Clear amber liquid
Assay (Oxyethylene)	65.00 – 69.50%
Equivalency of Polysorbate 80	96.5 – 103.5%
pH (5%)	6.00 – 7.00
Acid Value	≤ 2.0
Hydroxyl Value	65 - 80
Saponification Value	45 - 55
Moisture	≤ 3.0%
Heavy Metals	≤ 10.0ppm
1,4-Dioxane	≤ 1.0ppm

Approved by:

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