



### TECHNICAL DATA SHEET(TDS)

Polysorbate 80, Derived from Palm, NF/FCC Grade, RSPO, Kosher, Halal

Product Specifications (CAS# 9005-65-6)

| Test                        | Specification | Typical Results |
|-----------------------------|---------------|-----------------|
| Viscosity at 25°C           | 300 - 500 cst | 429.24          |
| Hydroxyl Value              | 65 - 80       | 72              |
| Saponification Value        | 45 - 55       | 47              |
| Specific Gravity            | 1.06 - 1.09   | 1.07            |
| 1,4 Dioxane                 | Max. 10 ppm   | <1              |
| Ethylene Oxide              | Max. 1 ppm    | <1              |
| Peroxide Value              | Max. 10       | 4.44            |
| Residue on Ignition         | Max. 0.25     | 0.16            |
| Moisture                    | Max. 3.00%    | 2.07            |
| Composition of Fatty Acids: |               |                 |
| C14                         | Max. 5%       | 0.13            |
| C16                         | Max. 16%      | 5.83            |
| C16:1                       | Max. 8%       | -               |
| C18                         | Max. 6%       | 2.12            |
| C18:1                       | Min. 58       | 82.77           |
| C18:2                       | Max. 18%      | -               |
| C18:3                       | Max. 6%       | -               |

Appropriate/legal use of this product is the responsibility of the user.

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Phone: 512-668-9918, Fax: 512-886-4008, E-mail: [customercare@laballey.com](mailto:customercare@laballey.com)  
[www.laballey.com](http://www.laballey.com)

12501 Pauls Valley Road, Suite A, Austin, Texas 78737  
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