

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SPAN 80 ( Sorbitan Monooleate )**

**CAS No : 1338-43-8**

**Product code : 18989**

**Mol. Formula : C<sub>24</sub>H<sub>44</sub>O<sub>6</sub>**

**Batch No : MCR- 29106**

**Mol. WT : 428.60**

**Mfd. : Aug. 2023**

**Date of analysis : 20/08/23**

**Exp. : July 2028**

| S.R | Test                 | Specification                     | Observation                      |
|-----|----------------------|-----------------------------------|----------------------------------|
| 1   | Description          | Brownish-yellow, viscous liquid . | Brownish-yellow, viscous liquid. |
| 2   | Acid value           | max. 8.0                          | 3.52                             |
| 3   | Saponification value | 140 -160                          | 150.83                           |
| 4   | Hydroxyl value       | 190 - 215                         | 196.64                           |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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