



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TWEEN®-20
(POLYOXYETHYLENE (20)SORBITTAN MONOLAURATE)

| | | | |
|-------------------------|--|---------------------|--------------------|
| CAS No | : 9005-64-5 | Product code | : 19720 |
| Mol. Formula | : C₅₈H₁₁₄O₂₆ | Batch No | : MCR-29037 |
| Mol. WT | : 1227.54 | Mfd. | : Aug. 2023 |
| Date of analysis | : 12/08/23 | Exp. | : July 2028 |

| S.R | Test | Specification | Observation |
|-----|-----------------------------|--|--|
| 1 | Description | Yellow or golden yellow coloured viscous liquid. | Golden yellow coloured viscous liquid. |
| 2 | Hydroxyl number | 97 - 113 | 100.25 |
| 3 | Saponification value | 40 - 51 | 42.76 |
| 4 | Wt. per ml at 20°C | 1.105 - 1.107 g | 1.106g |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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