



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TWEEN®-80

(Polyoxyethylene (20) Sorbitan Monooleate)

CAS No : 9005-65-6

Date of analysis : 13/09/24

Mfd. : Sept. 2024

Product code : 19740

Batch No : MCR-31917

Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	Pale yellow or golden yellow or amber colour viscous liquid .	Golden yellow viscous liquid.
2	Wt. per ml (at 20⁰c)	1.077-1.081g	1.078g
3	Refractive index	1.471-1.473	1.472
4	Acid value	2 max	0.40
5	Saponification Value	45-55	47.38
6	Viscosity at 25⁰c	400-500 cSt	428.9 cSt
7	Water	3% max	2.43%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Akash)**

[QC Incharge]

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

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