



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TWEEN®-80

(Polyoxyethylene (20) Sorbitan Monooleate)

CAS No : 9005-65-6

Product code : 19740

Date of analysis : 26/11/19

Batch No : MCR-20197

Mfd. : Nov. 2019

Exp. : Oct. 2024

S. R	Test	Specification	Observation
1	Description	Pale yellow or golden yellow or amber colour viscous liquid.	Pale yellow colour viscous liquid.
2	Wt. per ml (at 20 ⁰ c)	1.077-1.081g	1.080g
3	Refractive index	1.471-1.473	1.471
4	Acid value	2 max	1.6
5	Saponification Value	45-55	51
6	Viscosity at 25 ⁰ c	400-500 cSt	450cSt
7	Water	3% max	2.5%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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