



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TWEEN®-80

(Polyoxyethylene (20) Sorbitan Monooleate)

CAS No : 9005-65-6

Date of analysis : 05/11/18

Mfd. : Nov. 2018

Product code : 19740

Batch No : MCR-17249

Exp. : Oct. 2023

S. R	Test	Specification	Observation
1	Description	Pale yellow or golden yellow or amber colour viscous liquid .	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	1.473
4	Acid value	2 max	1.3
5	Saponification Value	45-55	49
6	Viscosity at 25 ⁰ c	400-500 cSt	480 cSt
7	Water	3% max	1.94%

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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