



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TWEEN®-80

(Polyoxyethylene (20) Sorbitan Monooleate)

CAS No : 9005-65-6

Date of analysis : 23/01/19

Mfd. : Jan. 2019

Product code : 19740

Batch No : MCR-17826

Exp. : Dec. 2023

S. R	Test	Specification	Observation
1	Description	Pale yellow or golden yellow or amber or brownish yellow colour viscous liquid .	Brownish Yellow colour viscous liquid .
2	Wt. per ml (at 20⁰c)	1.077-1.081g	1.080g
3	Refractive index	1.471-1.473	1.473
4	Acid value	2 max	1.2
5	Saponification Value	45-55	47
6	Viscosity at 25⁰c	400-500 cSt	430 cSt
7	Water	3% max	2.29%

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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)

Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net

Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,

Kulgaon, Badlapur (E), Dist.-Thane-421 503