

TMB 082 – TWEEN 20 (MOLECULAR BIOLOGY GRADE)

REF NO: TBL/QA/SS/LC/TMB 082	STANDARD SPECIFICATION FOR TWEEN 20 (MOLECULAR BIOLOGY GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 082

PRODUCT PROPERTIES

C.A.S Number	9005-64-5
Chemical Formula	C ₅₈ H ₁₁₃ O ₂₆
Formula weight	1226.5
Functional Uses	Tween 20 is used as an emulsifying agent for the preparation of stable oil-in-water emulsions. TWEEN 20 has been used in pre-extraction of membranes to remove peripheral proteins
Standard Packaging	100 ml.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellowish color viscous Liquid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
D 20/4	1.105
n 20/D	1.470
Viscosity (at 25°C)	250 – 450 mPas
HLB Number	16.7±1.0%
DNases/ RNases	None Detected

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.