

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-12 16:08:45

Date of Next Testing: 2029-06-11 16:08:45

Product Name: **TWEEN® 20**

CAS Number: 9005-64-5

Specifications & Purity: Suitable for molecular biology, viscous liquids

Lot #: F2610182

SKU #: **T434505**

Version: **4**

Analysis #: **725321**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydroxy Value	96-108 (mgKOH/g)	99.78000 mgKOH/g
Saponification value	40-50 (mgKOH/g)	42.09900 mgKOH/g
Acid Value	0-2.2 (mgKOH/g)	0.78000 mgKOH/g
Appearance(T434505)	Light Green-Yellow to Green-Yellow and Faint Yellow to Dark Yellow Viscous Liquid	Light Green-Yellow to Green-Yellow and Faint Yellow to Dark Yellow Viscous Liquid
Infrared spectrum	conforms to structure	Conforms to Structure
Solubility (100 mg/ml in H ₂ O) pass (Clear Colorless to Yellow)		Pass



John Su
QA & QC Manager