

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-28 15:59:51

Date of Next Testing: 2029-07-27 15:59:51

Product Name: **TWEEN® 20**

CAS Number: 9005-64-5

Specifications & Purity: Suitable for molecular biology, viscous liquids

Lot #: G2618021

SKU #: **T434505**

Version: **4**

Analysis #: **747418**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydroxy Value	96-108 (mgKOH/g)	101.20000 mgKOH/g
Saponification value	40-50 (mgKOH/g)	43.47000 mgKOH/g
Acid Value	0-2.2 (mgKOH/g)	0.58000 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 H2O) pass (Clear Colorless to Yellow)		Pass



John Su
QA & QC Manager