

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-19 14:56:22  
Date of Next Testing: 2027-08-19 14:56:22  
Product Name: **TWEEN® 20**  
CAS Number: 9005-64-5  
Specifications & Purity: viscous liquid, suitable for cell culture  
Lot #: H2407064  
SKU #: **T434506**  
Version: **1**  
Analysis #: **207914**

Parameter	Limit Values	Result
Saponification value	40-50 (mg/g)	42.60000 mg/g
Hydroxy Value	96-108 (mgKOH/g)	100.60 mgKOH/g
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Appearance(T434506)	Faint Yellow to Yellow and Yellow-Green Clear Viscous Liquid	Faint Yellow to Yellow and Yellow-Green Clear Viscous Liquid



John Su  
QA & QC Manager