

Certificate of Analysis

Date of Testing: 2023-04-12 22:03:59
Date of Next Testing: 2026-04-11 22:03:59
Product Name: **TWEEN® 20**
CAS Number: 9005-64-5
Specifications & Purity: viscous liquid, suitable for cell culture
Lot #: D23061256
SKU #: **T434506**
Analysis: 210523

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