

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-24 16:39:28

Date of Next Testing: 2030-04-23 16:39:28

Product Name: **Tween 80**

CAS Number: 9005-65-6

Specifications & Purity: pharmaceutical grade, PharmPure™

Lot #: D2610003

SKU #: **T104866**

Version: **3**

Analysis #: **681254**

Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	2.66000 %
Acid Value	0-2.2 (mg/g)	0.30000 mg/g
Heavy metal (as Pb)	0-0.001 (%)	0.00010 %
viscosity	350-550 (mm ² /s)	450.10000 mm ² /s
Hydroxyl value	65-80 (mgKOH/g)	76.40000 mgKOH/g
Saponification value	45-55 (mgKOH/g)	46.40000 mgKOH/g
pH	5-8	5.60000
Density (20°C)	1.06-1.09 (g/ml)	1.07600 g/ml
Ignition Residue (as sulfate)	0-0.2 (%)	0.19500 %
Iodine value (I ₂ /100g)	18-24	20.90000
Color	pass	Pass
Freezing test	pass	Pass
Identification	pass	Pass



John Su
QA & QC Manager