

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-05 15:48:37

Date of Next Testing: 2029-09-04 15:48:37

Product Name: **Tween 80**

CAS Number: 9005-65-6

Specifications & Purity: pharmaceutical grade, PharmPure™

Lot #: H2529777

SKU #: **T104866**

Version: **3**

Analysis #: **561941**

Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00100 %
Water by Karl Fischer	0-3 (%)	2.68000 %
Acid Value	0-2.2 (mg/g)	0.60000 mg/g
pH	5-8	6.80000
Density (20°C)	1.06-1.09 (g/ml)	1.07600 g/ml
viscosity	350-550 (mm ² /s)	432.40000 mm ² /s
Ignition Residue (as sulfate)	0-0.2 (%)	0.20000 %
Hydroxyl value	65-80 (mgKOH/g)	71.50000 mgKOH/g
Iodine value (I ₂ /100g)	18-24	21.00000
Saponification value	45-55 (mgKOH/g)	45.60000 mgKOH/g
Color	pass	Pass
Freezing test	pass	Pass
Identification	pass	Pass



John Su
QA & QC Manager