

Certificate of Analysis

Product Name	Tween 60
Glentham Code	GL6809
CAS Number	9005-67-8
MDL Number	MFCD01780110
Batch Number	192GYY

Molecular Weight	1311.70
Molecular Formula	$C_{64}H_{126}O_{26}$
Storage Temp.	+20°C

Property	Specification	Batch 192GYY
Physical Description	Pale yellow to yellow viscous liquid	Conforms
Acid Value	$\leq 2.0\text{mgKOH/g}$	0.2 mgKOH/g
Saponification Value	45 - 55 mgKOH/g	52 mgKOH/g
Hydroxyl Value	81 - 96 mgKOH/g	82 mgKOH/g
Peroxide Value	$\leq 5.0\text{meq/kg}$	1.2 meq/kg
Sulphated Ash	$\leq 0.2\%$	Conforms
Heavy Metals (as Pb)	$\leq 10\text{ppm}$	Conforms
1,4-Dioxane	$\leq 1\text{ppm}$	Conforms
Water	$\leq 3.0\%$	2.4%

Specification Version	v1.0
Manufacture Date	2018-08-25
Re-Test Date	2027-10-03

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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