

**neoFroxx GmbH**

Marie-Curie-Str. 3  
D-64683 Einhausen

Telefon +49 (6251) 989 24-0  
info@neofroxx.com  
www.neofroxx.com

## Specification

<b>Product</b>	<b>Tween® 80 pure EP (pharma grade)</b>
<b>Brand</b>	Labochem

Product number	LC-10054 (revised)
Synonym(s)	Polysorbat 80
Formula	$C_{64}H_{124}O_{27}$
Molecular weight	1309,66 g/mol
CAS number	9005-65-7
Storage	below 25°C, protected from light
Retest period (months)	48

® Registered trade mark of ICI America Inc.

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP).

<b>Parameter</b>	<b>Specification</b>
Ash	max. 0.25 %
Hydroxyl number	65 - 80 mg KOH/g
Identity	passes test
Peroxide number	max. 10.0 meq/kg
Acid number	max. 2.0 mg KOH/g
Heavy metals	max. 0.001 %
Saponification number	45 - 55 mg KOH/g
1,4-Dioxane	max. 0.001 %
C14 (Myristic acid)	max. 5.0 %
C16 (Palmitic acid)	max. 16.0 %
C16 (Palmitoleic acid)	max. 8.0 %
C18 (Linolenic acid)	max. 4.0 %
C18 (Linoleic acid)	max. 18.0 %
C18 (Oleic acid)	min. 58.0 %, max. 85.0 %
C18 (Stearic acid)	max. 6.0 %
Ethylene oxide	max. 0.0001 % (revised)
Water (K.F.)	max. 3.0 %
Colour to Gardner	max. 10

Einhausen, 11.03.2022 (revised)