

## 1. Identification

**Catalogue Number**

T886800

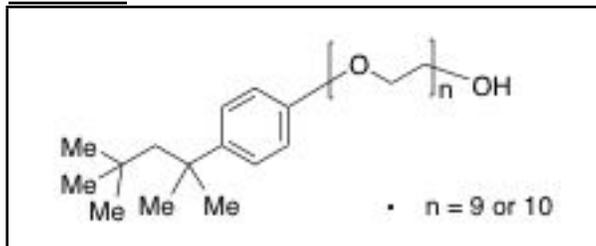
**Lot Number**

1-MSW-77-1

**Product Name**

Triton X-100

**Structure**



**Synonyms**

Polyethyleneglycols Mono[p-(1,1,3,3-tetramethylbutyl)phenyl] Ether; p-(1,1,3,3-Tetramethylbutyl) phenol Monoether with Polyethylene Glycol; (p-t-Octylphenoxy)polyethoxyethanol; Anapoe X 100; Anapoe X 114; Antarox A 200; Coulter Dispersant IA; Criton X 100; Hydrol SW; Iconol OP; Intra-Cell; Koromex II; Lutensol OP 10; NOP 90; Nonidel P 40; OPE 30; Octoxynol 5; Ortho-Gynol; Photo-Flow

**CAS Number**

9002-93-1

**Solubility**

DMSO (Slightly), Methanol (Slightly)

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

**Molecular Formula**

$C_{14}H_{22}O \cdot (OCH_2CH_2)_n$

**Source of Product**

N/A

**Long Term Storage Conditions**

4°C

**Molecular Weight**

250.38

**Purity**

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

Colourless Oil to Thick Oil

**Results**

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 63.50, %H: 9.83

HPLC Purity

>95%

98.90% (225 nm)

MS

Conforms to Structure

Conforms

**Additional Information**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

**Reviewed by**

R. Reddy

**Reviewed by**

Toni Rantanen

**C of A Approved by**

Christina Gouliaras

**Test Date**

4/26/2025

**Retest Date**

4/24/2029

Swathi Reddy

Manager, Quality Assurance

Quality Assurance Associate

Product Quality Specialist