

Certificate of Analysis

Reference Material & Standard

0AWH8BFG9A 6HQ855798J N72LMW566G ELB3Y6474W
6SU0SC83AH 9002-92-0 002FR4N8OV APG12V4K45
KZF7XN8153 MGU0HEW21Q QU7U88D04I RPD53041LR
W9D845551A WG3R46N0SV OAH19558U1 Z95S6G8201
BD7AST04GA Polidocanol Dodecyl alcohol,
ethoxylated Laureth-11 Laureth 4 [USAN] Laureth 9
[USAN] Lauromacrogol 400 [INN]
3,6,9,12,15,18,21,24,27-Nonaioxanonatriacontan-1-ol
PEG-11 Lauryl ether A mixture of monolauryl ethers of
polyoxyethylene glycols having a statistical average of
8 ethylene oxide groups per molecule alpha-Dodecyl-
omega-hydroxypoly(oxy-1,2ethanediyl) Glycols,
polyethylene, monododecyl ether Poly(oxy-1,2-
ethanediyl), alpha-dodecyl-omega-hydroxy-
Dodecan-1-ol, ethoxylated G 3707 Atlas G-2133 Atlas
G-3705 Base LP 12 BL 9 Brij 23 Brij 30 Brij 35 CCRIS
3397 Dodecanol, ethoxylate Dodecyl alcohol
polyoxyethylene ether Du Pont WK Ethospense LA 12
Ethospense LA 23 Ethoxylated lauryl alcohol HSDB
4351 Hydroxypolyethoxydodecane LA 7 LA (Alcohol)
Laureth Laureth 9 Lipal 4LA Lubrol 12A9 Lubrol PX
Marlipal 1217 Mergital LM 11 NCI-C54875 Newcol 1203
Nikkol BL Noigen ET 160 Noigen ET 170 Noigen YX 500
Noniolite AL 20 Pegnol L 12 Polyethylene glycol
monododecyl ether Polyoxyethylene lauryl ether
Rokanol L Romopal LN Simulsol P 23 Simulsol P 4
Siponic L Slovasol S Standamul LA 2 Surfactant WK
Texofor B 9 Thesat Thesit alpha-Dodecyl-omega-
hydroxypoly(oxy-1,2-ethanediyl) alpha-Dodecyl-
omega-hydroxypoly(oxyethylene) 40L (polyether)
Actinol L3 Actinol L 7 Adeka Carpol M 2 Adeka Carpol
MBF 100 Adekatol LA 1275 Aethoxysclerol Akyporox
RLM 160 Akyporox RLM 22 Akyporox RLM 230
Akyporox RLM 40 Aldospense L 9 Alkasurf LAN 1
Alkasurf LAN 3 Arapol 0712 Atlas G 2133 Atlas G 3705
Atlas G 3707 Atlas G 4829 Stmer 135 B 205 Brij 22 Brij
30ICI Brij 35L Brij 30SP Brij 36T Calgene 40L Carsonol L
2 Carsonol L 3 Chemal LA 23 Chimipal AE 3 Conion
275-80 Conion 2P80 Conion 275-30 Conion 275-100
Conion 275-20 Cimagel BL 9 (polyglycol) Polyethylene
glycol monolauryl ether Polyethylene glycol
monododecyl ether, the name is followed by a
number (400) corresponding approximately to the
average molecular mass of the polyethylene glycol
portion Laureth 4 Aetoxisclerol Atossisclerol
Ethoxysclerol Nonaethyleneglycol monododecyl ether
Polyoxyethylene 9-lauryl ether
Polyoxyethylenedodecyl ether UNII-6HQ855798J UNII-
N72LMW566G UNII-0AWH8BFG9A Lauromacrogol 400
UNII-6SU0SC83AH UNII-OAH19558U1 Polyoxyl lauryl
ether UNII-002FR4N8OV UNII-APG12V4K45 UNII-
KZF7XN8153 UNII-MGU0HEW21Q UNII-QU7U88D04I
UNII-RPD53041LR UNII-W9D845551A UNII-
WG3R46N0SV UNII-ELB3Y6474W Lauromacrogol UNII-
BD7AST04GA EC 500-002-6 UNII-Z95S6G8201
Polyoxyethylene dodecyl mono ether alpha-Alkyl-
omega-hydroxypoly(oxypropylene) and/or
poly(oxyethylene) polymers where the alkyl chain
contains a minimum of six carbons, minimum number
average molecular weight (in amu) 1,100

Product Name:

Catalogue Number:

C1928260

Synonyms:

N/A

Lot Number:

0227-SA-7180

ISO 17034 : 2016

ISO 9001 : 2015

No.: 202302279180

CAS Number: 9002-92-0

Expiry Date: Feb 26, 27

Molecular Formula: $C_{30}H_{62}O_{10}$

Storage: 2°C ~ 8°C Protected from light and Sealed

Molecular Weight: 582.81

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.247%

CATO
CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Feb 27, 23

Date: Feb 27, 23

Date: Feb 27, 23



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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Feb 27, 23	First release.

