

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

TWEEN-20 USP Grade

PRODUCT NUMBER

IB07200 _____ 500ml
IB07201 _____ 1L

LOT NO.

Lot# _____ 23D3012

STORAGE

Store at room temperature. Keep tightly sealed.

CAS NO.

CAS# _____ 9005-64-5

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Yellow Liquid	Yellow Liquid	PASS
Assay (Oxyethylene Content)	70.0 - 74.0%	70.4%	PASS
Assay (Fatty Acid Composition): C6, Caproic	< 1.0%	< 1.0%	PASS
Assay (Fatty Acid Composition): C8, Caprylic	< 10.0%	3.6%	PASS
Assay (Fatty Acid Composition): C10, Capric	< 10.0%	4.6%	PASS
Assay (Fatty Acid Composition): C12, Lauric	40.0 - 60.0%	51.2%	PASS
Assay (Fatty Acid Composition): C14, Myristic	14.0 - 25.0%	20.3%	PASS
Assay (Fatty Acid Composition): C16, Palmitic	7.0 - 15.0%	12.3%	PASS
Assay (Fatty Acid Composition): C18, Stearic	< 11.0%	2.7%	PASS
Assay (Fatty Acid Composition): C18.1, Oleic	< 11.0%	2.7%	PASS
Assay (Fatty Acid Composition): C18.2, Linoleic	< 3.0%	< 3.0%	PASS
Identification (IR)	Meets Requirements	PASS	PASS
Identification (Composition of Fatty Acids)	Meets Requirements	PASS	PASS
Identification (Opalescent Solution)	Strongly Opalescent	PASS	PASS
Lauric Acid Recovered (g/100g)	15 - 17	15.4	PASS
Lauric Acid: Acid Value	250.0 - 275.0	265.8	PASS

DATE OF

Manufacture Date: _____ 03/27/2023
Reassay Date: _____ 09/05/2024

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood
Quality Control

04/19/23
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.