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Certificate of Analysis

Product Description: Cetyl Alcohol
Catalog Number: 101309
Lot: SR02689

Formula: C₁₆H₃₄O
CAS #: 36653-82-4
Physical Description: White Flakes

Formula Weight: 242.44
Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 90%	>90%
FTIR	Conforms to Standard	Conforms to Standard

Identification A: Meets USP/NF

Hydroxy value: 231.58

Residue on ignition: 0.024%

Total unspecified impurities: <1.0%

Total related fatty alcohols and unspecified impurities: <10.0%

Acid value: 0.03

Saponification: <2.0

Iodine value: 0.087

Moisture: 0.095%

Color: <35 APHA

G.C. Chain length distribution:

- C16: 90.0 - 102.0% wt

Melting point: 49.5 - 50.6°C

Recommended Retest Date (MM/DD/YYYY): 04/27/2023



04/28/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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