

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Ceteareth-20
INCI Name: Ceteareth-20
CAS Number: 68439-49-6
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Analytical Tests	Specifications	Results
Acid Value	0.00 - 0.50 mg KOH/g	0.00 mg KOH/g
Water	≤1.0%	0.0%
Cloud Point (1% in 5% Saline)	90.0 - 94.0 °C	90.7 °C
Refractive Index, 60 °C	1.448 - 1.452	1.451
Free EO, <1 ppm	Certified	Pass
Hydroxyl Value	49.0 - 55.0 mg KOH/g	49.3 mg KOH/g
Appearance	Conforms to standard	Pass
Odor	To match standard	Pass
pH (1% Solution)	6.0 - 7.5	6.80
Alk. Impurity	≤0.50 mL 0.1N HCL/2g	0.00 mL 0.1N HCL/2g
Saponification Value	≤1.0 mg KOH/g	0.0 mg KOH/g
Solidification Point	39.0 - 42.0 °C	41.4 °C

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.

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