

CERTIFICATE OF ANALYSIS

COA: 479091

Supplier: Oxiten USA, LLC - Dunavant
Address: 10629 RED BLUFF, TX 77507
Manufacturer: 9801 Bay Area Blvd. Pasadena, TX 77507

Customer:

Sales Order:

Customer PO:

Oxiten Product Name: ALKEST TW 80 K NR

Lot: 010626P00130

Status: Approved

Amount:

Manufacture Date: 01/06/2026

Expiration Date: 01/06/2028



Tests	Analytical Method	Minimum Limit	Maximum Limit	Results
FCC (Food Chemical Code)	-	---	---	Meets Requirements
NF (National Formulary)	-	---	---	Meets Requirements
Identification (IR)	MA-1188	---	---	Pass
C14 Myristic, %	MA-1294		5.0	0.3
C16 Palmitic, %	MA-1294		16.0	5.3
C16:1 Hexadecenoic, %	MA-1294		8.0	0.1
C18 Stearic, %	MA-1294		6.0	0.0
C18:1 Oleic, %	MA-1294	58.0	90.0	80.2
C18:2 Linoleic, %	MA-1294		18.0	0.4
C18:3 Linolenic, %	MA-1294		4.0	0.0
Oleic acid content (C18:1), g/100g	MA-1295	22.0	24.0	24.0
Acid Value (C18:1), mgKOH/g	MA-1295	193.0	206.0	205.0
Iodine Value (C18:1), gI2/100g	MA-1295	80.0	92.0	92.0
Identification FCC	MA-1297	---	---	pass
Oxyethylene Content, %	MA-1327	65.00	69.50	65.00

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1,4 Dioxane, ppm	MA-1398	1.0	<1
Ethylene oxide, ppm	MA-1398	1.0	0.1
Hydroxyl value, mgKOH/g	MA-525	65.0 80.0	67.9
Residue on Ignition, %p	MA-612	0.250	0.040
Acidity Index, mgKOH/g	MA-638	2.0	1.0
Arsenic, as As, ppm	MA-705	1.0	1.0
Lead, as Pb, ppm	MA-705	2.0	2.0
Heavy metals, ppm	MA-724	10.0	10.0
pH, 5wt% aqueous solution, 25°C	MA-729	6.0 7.0	6.5
Kinematic viscosity, 25°C, cSt	MA-766	300.0 500.0	480.0
Peroxide value, mEq/1000g	MA-780	9.0	2.9
Specific weight at 25°C	MA-798	1.060 1.090	1.078
Saponification value, mgKOH/g (w)	MA-810	45.0 55.0	50.9
Water, %p	MA-875	0.0 3.0	2.7
Gardner color, 25°C	MA-881	4.0	3.0

The product has the mentioned shelf life if kept under proper storing conditions.


 David J. Henley

[LIMS] SAMPLE NUMBER: 1506636

[LIMS] CONTROL CODE: 3FB6528A-0A1F-4183-880F-293A58331A43

Attachment: Meets NF/FCC Requirements