

CERTIFICATE OF ANALYSIS

COA: 448358

Supplier: Oxiteno USA, LLC - Pasadena Plant
Address: 9801 BAY AREA BLVD, TX 77507

Customer:
Sales Order:
Customer PO:
Oxiteno Product Name: ULTRAPEG 400
Lot: T2510P090625
Status: Approved
Amount:
Manufacture Date: 09/07/2025
Expiration Date: 09/07/2027

Tests	Analytical Method	Minimum Limit	Maximum Limit	Results
NF (National Formulary)	-	---	---	Meets Requirements
Completeness and color of solution	MA-1228	---	---	Pass
Dioxane, ppm	MA-1421		10	0
Ethylene Oxide, ppm	MA-1421		1.0	0.1
Hydroxyl value, mgKOH/g	MA-525	267	295	283
Average molecular weight	MA-525	380	420	397
Residue on Ignition, %p	MA-612		0.1	0.0
Diethyleneglycol, %	MA-622		0.10	0.00
Monoethylene glycol, %	MA-622		0.062	0.000
Acidity Index, mgKOH/g	MA-638		0.5	0.1
pH, 5wt% aqueous solution, 25°C	MA-729	5.0	7.0	6.1
Appearance, 25°C	MA-742	---	---	colorless transparent liquid
Viscosity, 98,9°C +/- 0,3°C, cSt	MA-766	6.8	8.0	7.3
Water, %p	MA-875		0.5	0.1
APHA Color, 25°C	MA-881		25	4

CERTIFICATE OF ANALYSIS

COA: 448358

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



David J. Henley

[LIMS] SAMPLE NUMBER: 1420091

[LIMS] CONTROL CODE: 1E7A835F-8F6E-458D-84B1-23E589E8FD99

Attachment: Meet NF Requirements