

**PALM-OLEO SDN. BHD.** (185886-V)

Lot 1245, Kundang Industrial Estate,  
48020 Rawang, Selangor Darul Ehsan, Malaysia.

Sales Office : 603-7809 8833 Fax : 603-7727 1301/1307

Manufacturing : 603-6034 4800 Fax : 603-6034 2340 / 603-6034 1279



## CERTIFICATE OF ANALYSIS

CUSTOMER NAME : POCHTECA COLOMBIA S.A.S.  
PRODUCT : PALMOCOL PDA 1300 DIETHANOLAMIDE  
DATE OF CERTIFICATE : 06-SEPTEMBER-2024  
OUR SALES ORDER : 2000343192-1  
BATCH NUMBER/ LOT NUMBER : 4A0714H  
QUANTITY : 1.680 MT  
MANUFACTURING DATE/ PRODUCTION DATE : 19-AUGUST-2024  
RECOMMENDED RETEST DATE/ EXPIRY DATE : 19-AUGUST-2026  
CUSTOMER PO NUMBER : 3004697  
ISSUED BY MANUFACTURER: PALM-OLEO SDN.BHD.

We certify, that we have examined a sample of the above mentioned goods with the following results :

<u>Test Description</u>	<u>Unit</u>	<u>Reference Test Method</u>	<u>Min</u>	<u>Max</u>	<u>Result</u>
Appearance @25°C- Clear yellowish liquid		Visual Test	Pass		Pass
Total Amide	%	In house method	85.0		85.8
Free Amine	%	AOCS Tf 1a-64		5.0	4.8
Glycerol	%	AOCS Ca 14-56		10.0	8.1
Moisture by Karl Fischer	%	AOCS Tb 2-64		1.00	0.08
pH (1% aq. solution)	-	ISO 4316	9.0	11.0	10.0

Recommended retest date/expiry date is only valid for product in its original and unopened package.

  
for **PALM-OLEO SDN. BHD.**

This is a computer generated printout and no signature is required.