

PT. Ecogreen Oleochemicals



CERTIFICATE OF ANALYSIS

DESCRIPTION : ECOLOL 16/98P
CUSTOMER ORDER NO: 2000511

Date: 27.05.2020

MANUFACTURER : PTE ECOGREEN OLEOCHEMICALS
SPEC. NO. : 3160-12
REFERENCE : 1010713837 / 2010713837
CUST. PO NO. :2000511

CONTAINER NO. BATCH NO. QUANTITY MANUFACTURING DATE
CSNU 6561082 B215-P 390 BAG 03.03.2020

EXPIRY DATE
03.03.2022

Analysis	Test Method	Specification		B215-P
		Min	Max	
Homolog Distribution (wt%) :	Gas Chromatography			
C14 & Lower			2.0	0.0
C16		98.0		99.6
C18			2.0	0.4
Hydrocarbons (wt%)	Gas Chromatography		0.50	0.18
Acid Value (mg KOH/g)	AOCS Te 2a-64; DIN 53 402		0.10	0.01
Saponification Value (mg KOH/g)	AOCS T1 1a-64; DIN 53 401		0.50	0.10
Iodine Value (g I2/100 g)	AOCS Cd 1b-87		0.10	0.01
Moisture (wt%)	Karl Fisher Method; DIN 51 777/T1		0.30	0.13
Color, APHA	AOCS Ea 9-65; DIN ISO 6271		10	3
Solidification point (°C)	AOCS Cc 12-59; DIN ISO 3841	48.0	50.0	49.0
Hydroxyl Value (mg KOH/g)	Calculated from GC analysis result	228	232	231

OUR PRODUCT MEETS USP 34/EP7/NF

Certified correct:

PT Ecogreen Oleochemicals

Adrian

Head of quality Assurance

CONTROLLED SYSTEM PRINTOUT - VALID WITHOUT SIGNATURE
SHIPMENT LOT NO.: 2-1004-20

BATAM PLANT

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ISO 9001, ISO 14001, ISO 22000