

Certificate of Analysis

Loading date
30/04/2016

Ordernumber Oleon
85477738 900002 30342170 000010

Your reference / Date
232-9733 OP / 06/04/2016

218220

Product Information
Description RADIA 7730 (IPM)

Quantity 0,525 TO
Batch KL60404X05 Sample 2/403190/00 / Production date 04/04/2016 / Expiration date 04/04/2018

Results of analysis	Unit	Results	Min.	Max.	Method
Acid Value	mg KOH/g	0,02	<=	0,30	AOCS Cd 3d-63
Iodine Value	g I2/100g	0,06	<=	0,50	Oleon OA-020
Saponification Value	mg KOH/g	210,3	205,0	211,0	AOCS Cd 3-25
Water	%(m/m)	0,03	<=	0,03	AOCS Ca 2e-84
Cloud Point	°C	-1,0	<=	2,0	AOCS Cc 6-25
APHA		6	<=	25	AOCS Td 1b-64
Isopropyl C12	%(m/m)	0,1	<=	2,0	AOCS Ce 1b-89
Isopropyl C14	%(m/m)	99,5	>= 98,0		AOCS Ce 1b-89
Isopropyl C16	%(m/m)	0,3	<=	0,5	AOCS Ce 1b-89
Isopropyl C18	%(m/m)	0,0	<=	0,5	AOCS Ce 1b-89
Total Isopropylester	%(m/m)	99,9	>= 95,0		AOCS Ce 1b-89
Density 20°C	g/ml	0,854	0,852	0,854	ASTM D4052
Refractive Index (20°C)		1,4346	1,4340	1,4355	AOCS Cc 7-25
Odour		Conform			Oleon OS-063
Ash	%(m/m)	< 0,10	<=	0,10	AOCS Ca 11-55
Viscosity 20°	cP	5,5	5,0	6,0	
Specific gravity at 25/25°C		0,850	0,846	0,854	AOCS To 1a-64
Identification B		Conform			

This product complies with the component's monograph as described in the current edition of the European Pharmacopoeia (Ph. Eur.).
This product complies with the component's monograph as described in the current edition of the US Pharmacopoeia (USP-NF).
The product is manufactured from vegetable raw materials.

The product does not contain any ingredients that are derived from GM sources. However relevant thresholds for adventitious or technically unavoidable cross-contamination as laid down in 1829/2003/EC are accepted. Moreover, the above mentioned material has not to be labeled according to Regulation (EC)1830/2003/EC concerning traceability and labeling of food and feed products manufactured

The data and information above are to our best knowledge true and accurate. They refer to specific values of the current lot provided by the methods and apparatus indicated and should be so considered. OLEON (Asia Pacific) Sdn.Bhd. assumes no responsibility, express or implied, for use of said data and information. No information contained in this document can be considered as a suggestion to infringe patents.