

CERTIFICATE OF ANALYSIS

Product	PALMESTER 1514
Product Description	ISOPROPYL MYRISTATE
Batch Number	90144B
Date of Certificate	17-Feb-2014
Quantity	14000 KG
Reference No	204516
Date of Manufacturing	24-Jan-2014
Recommended Retest Date	24-Jan-2016
PURHCASE ORDER NO: 2013-14/000291	

We certified that we have analysed a composite sample of the above mentioned goods with the following results:

	Unit	Minimum	Maximum	Results
Acid Value	mg KOH/g		0.5	0.1
Iodine Value	g/100g		1.0	0.1
Cloud Point	°C		0	-1
Colour APHA	Hazen		30	16
Moisture	% m/m		0.1	0.0
C14 - Ester	%m/m	90.0		98.9
*Saponification Value	mg KOH/g	206	211	207
*Dynamic Viscosity 20°C	mPa.s	5	6	5
*Relative Density 20/20°C		0.850	0.855	0.855
*Refractive Index N20/D		1.434	1.437	1.435
*Sulphated Ash	% m/m		0.1	0.0
*Organic Volatile Impurity	% m/m	Passed		Passed

* Parameter is not tested on every batch and result is determined statistically

Recommended retest date is only applicable for packaged products.

Kait Yen Yen

Head of Laboratory

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