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# ROSE OTTO ESSENTIAL OIL

## CERTIFICATE OF ANALYSIS

Product Description	ROSA DAMASCENA	
Batch Number	Oct-14	
Best before	01-Oct-16	
Country of origin & Cultivation	South Africa Organic cultivated & certified	
<b>Results received and passed</b>		
CONSTITUENT	GC Specification of oil (%)	Results
LINALOOL	3.14	2.457
CIS ROSE OXIDE	0.32	0.297
TRANS ROSE OXIDE	1.39	1.17
ALPHA TERPINEOL	0.94	0.743
CITRONELLOL	25-46	40.733
GERANIOL	15-22	22.558
HEPTODECANE	1-2.5	1.021
NONADECENE	3.8	2.147
NONADECANE	8-15.5	8.932
EICOSANE	1.21	0.871
HENEICOSANE	3-5.5	3.884
TRICOSANE	0.2	0.928
DENSITY 20°C	0.8-0.87	0.864
REFRACTIVE INDEX 20°C	1.455-1.467	1.462
OPTICAL ROTATION (°)	-5° - 5°	-.235°
COLOUR	colourless to pale yellow	Yellow
AROMA	Deep sweet Aroma	Floral sweet rosy
STORAGE CONDITIONS:	It is recommended to store away from direct light in full sealed containers in a dry and well ventilated area.	
Doc prepared by JA Minnaar	Date	26/01/2016
Doc accepted by PPJ Minnaar	Date	26/01/2016

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