



**Leeder
Analytical**

33 Steane St,
Fairfield, VIC 3078

t 03 9481 4167

f 03 9489 0710

abn 31 142 075 956

w www.leeder-analytical.com

Ceribus Global Trading est Leeder Analytical

e enquiries@leeder-analytical.com

On-Time Concepts

39 Steane St

Fairfield,

VIC, 3078

Attn: Andrew Skoullou

REPORT NUMBER: L170190

Your Reference: Wax samples

Order No:

Date: 4th October 2017

CERTIFICATE OF ANALYSIS

SAMPLES: Four (4) wax samples were received for analysis

DATE RECEIVED: 26th September 2017

DATE COMMENCED: 26th September 2017

METHOD: Compositional Analysis by HTGC/MS

RESULTS:

Please refer to attached pages for the results.

Results are based on the samples received and analysed by Leeder Analytical

This report cannot be reproduced except in full.

REPORT BY:

Dr John F Leeder (BAppSci, MBA, PhD, FRACI, CCHEM)

Principal



ANALYTICAL RESULTS

Matrix: CANDLE WAX		Client ID	LCS PS	Deluxe Soy S16	Performance Soy A27	Superior CocoSoy A05	Pure Soy S100
		Lab ID	L170190-1	L170190-2	L170190-3	L170190-4	L170083-3
TEST	METHODS	PQL					
Melting Range	DSC Method	°C	30-65	29-66	31-63	28-56	33-64
Peak Melting Tempertaure		°C	54	54	53	54	52
Congeaing Point	ASTM D938	°C	55.0	50.5	49.0	39.7	34.3
Flash Point	ASTM D93	°C	262	250	248	320	250
Composition by GC/MS							
Soy Wax	GC/MS	%		>92	>44	>74	100
Palm Wax	GC/MS	%			<21		
Paraffin Wax	GC/MS	%			<13		
Coconut Wax	GC/MS	%				<14	
Mineral Oil	GC/MS	%					
Bees Wax	GC/MS	%					
Free Fatty Acids (FFA)							
Palmitic Acid	GC/MS	%					
Stearic Acid	GC/MS	%		<4	<6	<6	
Monostearin (MAG)	GC/MS	%		<4	<16	<6	
Glycerine	IC/EC	%					
				100	100	100	100



APPENDIX 1

CHAIN OF CUSTODY



APPENDIX 2

PHOTOS



L170190-1 LCS-PS



L170190-2 S16 Dulux Soy



L170190-3 A27 Performance Soy Blend



L170190-4 A05 Superior Cocosoy