## **STABILITY**

Customer:	Creightons
Product:	Crème de Coconut Hair Oil
R&D Code:	MCT19397*1
Start Date:	22/06/2023
Packaging Material:	Jar
Submitted by (Lab Tech)	Ben
Chemist	Lorenzo
Folder noth	S:\R & D\Product Stability\Stability Test
Folder path	Reports\Creightons\2023

Test parameter	Specification	Initial (RT)	12 Weeks (RT)	
Appearance	clear liquid	AS STANDARD	AS STANDARD	
Colour	colourless	AS STANDARD	AS STANDARD	
Odour & Level (Fragrance ref.)	RFCR0150 @ 0.5%	AS STANDARD	AS STANDARD	
рН	N/A	N/A	N/A	
Viscosity	50-400	1	00 !	50
Spindle	SP3@10			

## **Tests Required**

4°C	25°C	30°C	40°C
50°C	D/L	S/L	L/B

D/L = Daylight

 ${\rm S/L} = {\rm Store} \; {\rm Light-for} \; {\rm products} \; {\rm in} \; {\rm transparent} \; {\rm packaging} \; {\rm which} \; {\rm will} \; {\rm be} \; {\rm backlit} \; {\rm in} \; {\rm store} \;$ 

 $L/B = Light\ Box - for\ products\ in\ transparent\ packaging\ which\ are\ coloured\ and\ will\ be\ exposed\ to\ light\ on\ shelf$ 

Comments: Not tested at 40 and 50°C due to low flash point.

Proposed Packaging:

Week	Date	Tested By	Checked By	Comments
2	06/07/2023	EC	LB	
4	20/07/2023	EC	LB	
8	17/08/2023	EC	LB	
12	31/08/2023	EC	LB	
24	07/12/2023			

Decision:	Approved by:	Signed:	Date:
PASS	МВ	M Bullimore	15.05.24

## 4 weeks





## 12 weeks





Product:	Crème de Coconut Ha	air Oil		Code:	MCT19397*1	
	colourless					
Veeks	Daylight	4°C	25°C	30°C	40°C	50°C
2		0	0	30 C	0	30 C
4		0	0		0	
8		0	0		0	
12	0	0	0		0	
24		0	0		0	
	<u> </u>					
	ODOUR	400	RFCR0150 @ 0.5%	2000	4000	5000
Veeks	Daylight	4°C	25°C	30°C	40°C	50°C
2		0	0		0	
4		0	0		0	
8		0	0		0	
12 24	0	0	0		0	
24						
	рН		N/A			
Veeks	Daylight	4°C	25°C	30°C	40°C	50°C
2	, 0					
4						
4						
8						
8						
8 12						
8 12			100 - 400	SP3@10		
8 12 24 Veeks	VISCOSITY Daylight	4°C	25°C	SP3@10 30°C	40°C	50°C
8 12 24	VISCOSITY Daylight	4°C 100		30°C	40°C	50°C
8 12 24 Veeks 2 4	VISCOSITY Daylight 100 50	100 50	25°C 100	30°C 1	00 50	50°C
8 12 24 Veeks 2 4	VISCOSITY Daylight 100 50	100	25°C 100 100 50	30°C 1	00	50°C
8 12 24 Veeks 2 4 8 12	VISCOSITY Daylight 100 50	100 50	25°C 100	30°C 1	00 50	50°C
8 12 24 Veeks 2 4	VISCOSITY Daylight 100 50	100 50 50	25°C 100 100 50	30°C 1	00 50 50	50°C
8 12 24 Veeks 2 4 8 12 24	VISCOSITY Daylight 100 50	100 50 50 50	25°C 100 100 50	30°C	00 50 50	50°C
8 12 24 Weeks 2 4 8 12 24 Cey	VISCOSITY  Daylight  100  50  50	100 50 50 50 Colour Key	25°C 100 100 50 50	30°C 1 Odour Key	00 50 50 50	50°C
8 12 24 Weeks 2 4 8	VISCOSITY Daylight 100 50	100 50 50 50	25°C 100 100 50	30°C	00 50 50	50°C
8 12 24  Weeks  2 4 8 12 24  Key	VISCOSITY Daylight 100 50 50 50 3 = Noticeable Change	100 50 50 50 50 Colour Key	25°C 100 100 50 50 50 R = More Red	30°C  1  Odour Key  A = Acceptable	00 50 50 50 w=weaker	50°C
8 12 24 Veeks 2 4 8 12 24 Veey 12 24 Veey 14 12 24 Veey 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	VISCOSITY Daylight  100 50 50 50 3 = Noticeable Change	100 50 50 50 Colour Key F = Faded D = Darkened	25°C 100 100 50 50 50 R = More Red	30°C  1  Odour Key  A = Acceptable	00 50 50 50 w=weaker	50°C
8 12 24  Neeks 2 4 8 12 24  Keey = No Change = Very Sight Change	VISCOSITY  Daylight  100  50  50  50  3 = Noticeable Change 4 = Very Noticeable Change 5 = Extreme Change	100 50 50 50 Colour Key F = Faded D = Darkened Y = More Yellow	25°C 100 100 50 50 50 R = More Red	30°C  1  Odour Key  A = Acceptable	00 50 50 50 w=weaker	50°C
8 12 24 Veeks 2 4 8 12 24 24 Cey = No Change = Very Stight hange	VISCOSITY  Daylight  100  50  50  50  3 = Noticeable Change 4 = Very Noticeable Change 5 = Extreme Change	100 50 50 50 Colour Key F = Faded D = Darkened	25°C 100 100 50 50 50 R = More Red	30°C  1  Odour Key  A = Acceptable	00 50 50 50 w=weaker	50°C
8 12 24 Veeks 2 4 8 12 24 Veeks 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	VISCOSITY Daylight  100 50 50 50 3 = Noticeable Change 4 = Very Noticeable Change 5 = Extreme Change	100 50 50 50 Colour Key F = Faded D = Darkened Y = More Yellow	25°C 100 100 50 50 50 R = More Red	30°C  1  Odour Key  A = Acceptable	00 50 50 50 w=weaker	50°C

Weeks 4°	ŀ°C	40°C	Comments
4			
8			
12			