

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 path	S:\R & D\Product Stability\Stability Test 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
pH	N/A	N/A	N/A
Viscosity	50-400	100	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

S/L = Store Light – for products in transparent packaging which will be backlit in 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	MB	M Bullimore	15.05.24

4 weeks



12 weeks



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colourless						
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
2	0	0	0	0		
4	0	0	0	0		
8	0	0	0	0		
12	0	0	0	0		
24						

ODOUR RFCR0150 @ 0.5%						
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
2	0	0	0	0		
4	0	0	0	0		
8	0	0	0	0		
12	0	0	0	0		
24						

pH N/A						
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
2						
4						
8						
12						
24						

VISCOSITY 100 - 400 SP3@10						
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
2	100	100	100	100		
4	50	50	100	50		
8	50	50	50	50		
12	50	50	50	50		
24						

Key		Colour Key		Odour Key	
0 = No Change	3 = Noticeable Change	F = Faded	R = More Red	A = Acceptable	W = Weaker
1 = Very Slight Change	4 = Very Noticeable Change	D = Darkened	B = More Blue	U = Unacceptable	S = Stronger
2 = Slight Change	5 = Extreme Change	Y = More Yellow			

Light Box:	PASS	FAIL
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Store Ligh	2 weeks	4 weeks	8 weeks	12 weeks
Comment:				

Emulsion Check			
Weeks	4°C	40°C	Comments
4			
8			
12			