STABILITY

Customer:	Creightons	
Product:	Argan Silk Hair Oil	
R&D Code:	MCR19398*1	
Start Date:	29/06/2023	
Packaging Material:	Jar	
Submitted by (Lab Tech)	Lorenzo	
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.)	RFCR0086 @ 0.5%	AS STANDARD	AS STANDARD	
рН	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

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

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. Some odour change and haziness in sunlight. Product to be stored in opaque packaging.

Proposed Packaging:

Week	Date	Tested By	Checked By	Comments
2	13/07/2023	EC	LB	
4	27/07/2023	EC	LB	
8	24/08/2023	EC	LB	
12	21/09/2023	EC	LB	
24	28/12/2023			

Decision:	Approved by: Signed:		Date:	
PASS	МВ	M Bullimore	15.10.23	

2 weeks





12 weeks





Product:	Argan Silk Hair Oil			Code:	MCR19398*1	
	Ü				WICK13335 1	
	colourless					
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
2		0	0	C		30 0
	1Y*	0	0	C		
	0/1Y*	0	0	C		
	0/1Y*	0	0	0		
24		0	0		<u>'</u>	
	*slight haziness					
	ODOUR		RFCR0086 @ 0.5%			
Weeks	Daylight	4°C	25°C	30°C	40°C	50°C
veeks 2		0	0	0		30 C
4						
8		0	0	0		
		0				
12 24		0	0	С		
24						
	*off-odour					
	pH		N/A	1		
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	50	50	50	50		
4	50	50	50	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				
LIGHT DUX.	1 733	TAL	Į			
	T	T	T	ı	-	
Store Ligh		4 weeks	8 weeks	12 weeks		
Comment						
	Em	ulsion Check				
Weeks	4°C	40°C	Comments			
4				1		

4 8 12