

Potter & Moore Innovations Ltd

Established 1749
1210 Lincoln Road, Werrington, Peterborough, PE4 6ND
Telephone: 01733 281000 Fax: 01733 281028

Stability Test Report

Customer:	Creightons
Product:	Strengthen and Smooth Shampoo
R&D code:	MCR11686
Start date:	19/04/2013
Packaging Material:	Glass Jar
Submitted By:	MSZ

Test parameter	Specification	Initial (RT)	12 weeks (RT)
Appearance	Pearlised Gel	AS STD	AS STD
Colour	Colour less- pearl	AS STD	AS STD
Odour & Level (Fragrance ref.)	RFCR0056 @ 0.4% Morello Cherry & Fig	AS STD	AS STD
pH	5.0-6.0	5.10	5.19
Viscosity @ 25°C Spindle: SP4@10	8000 - 12000	10,000	11,800

Tests Required

4°	25°	30°	40°	50°	D/L		
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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:
Proposed Packaging:

Week	Date	Tested By	Checked By	
2	3.5.13	MSZ	CE	
4	17.5.13	MSZ	CE	
8	14.6.13	msz	CE	
12	12.7.13	msz	CE	

Decision:	Approved by:	Signed:	Date:
Pass	A.Lancucka	AL	Week 12

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	COLOUR					
	Daylight	4°C	25°C	30°C	40°C	50°C
2 weeks	0	0	0	0	0	1Y
4 weeks	0	0	0	0	0	2Y
8 weeks	0	0	0	0	1Y	
12 weeks	0	0	0	0	3Y	

	ODOUR					
	Daylight	4°C	25°C	30°C	40°C	50°C
2 weeks	0	0	0	0	0	0
4 weeks	0	0	0	0	0	1S
8 weeks	0	0	0	0	1W	
12 weeks	0	0	0	0	1/2W	

	pH					
	Daylight	4°C	25°C	30°C	40°C	50°C
2 weeks	5.10	5.15	5.16	5.22	5.25	5.40
4 weeks	5.11	5.11	5.19	5.35	5.26	5.40
8 weeks	5.18	5.28	5.28	5.35	5.26	
12 weeks	5.15	5.22	5.19	5.40	5.28	

	VISCOSITY					
	Daylight	4°C	25°C	30°C	40°C	50°C
2 weeks	10,300	10,500	10,200	10,300	10,000	11,600
4 weeks	10,300	10,400	11,000	10,900	11,600	11,800
8 weeks	11,500	11,200	11,600	11,500	11,800	
12 weeks	11,000	11,600	11,800	11,500	11,400	

Comments:

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