

Research & Development Department

PRODUCT STABILITY TESTING

PRODUCT NAME: Hair Design Studio Just Coconut Indulgent Conditioner

PRODUCT CODE: HD8803



Accelerated Studies



Real-Time Studies

PRODUCT TYPE: Conditioner

DESCRIPTION OF PRIMARY PACK: Tube

FINAL PACK: 250ml 100% PP Tube

STORAGE/TEST CONDITIONS: The product formula was stored at 0°C, 20°C, 30°C, 40°C, 50°C for 3 months also six cycles of freeze thaw from -10°C to 30°C

RESULTS: Accelerated stability study is designed to increase the rate of chemical degradation/or physical change of a produce by elevating the temperature of storage condition with the purpose of monitoring degradation and predicting self-life.


The product samples are incubated at an elevated temperature of 40°C. One month in the incubator at 40°C simulates one year of shelf-life.

The parameters and results of the accelerated stability study conducted are:

PARAMETERS	INITIAL	RESULTS 3 MONTHS
Appearance	Medium Viscosity Liquid	As Standard
Colour	White / Silver Shiny	As Standard
Odour	Coconut PN804346	As Standard
Viscosity	20,000 - 50,000 (TC@5)	50,000
Specific Gravity	0.91 - 0.99	0.95
pH	3.50 - 4.80	4.08

CONCLUSION: Based on the results above the shelf-life of the Conditioner is at least 4 years and if kept away from heat and light up to 4 years.

Signed



Martin Stevens
TECHNICAL DIRECTOR

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Potter & Moore Innovations Ltd

1210 Lincoln Road Peterborough England PE4 6ND

Tel. +44 (0)1733 281000 Fax. +44 (0)1733 281028 www.potterandmoore.com

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