Product Name:	ALL-IN-ONE MAKE-UP BLUSH PALETTE					
Variants:	GSMAI					
Net Wt.:	8g		Report Date:		2024.3.22	
Study Type:	Pre-market stability					
Objective:	Stability profile of the cosmetic product for storage under accelerated conditions.					
Period of Investigation:	3 months					
Packaging:	Part A:	lid		Material:	AS	
	Part B:	At the end of		Material:	ABS	
	Part C:			Material:		
	Part D:			Material:		
	Part E:			Material:		
	Part F:			Material:		
	Part G:			Material:		
	Part H:			Material:		
Stability Study Unit:	R&D Dept.					

Product Photo



1. SUMMARY

This report presents the stability data on the product stored up to 3 months in the primary packaging used for marketing.

Any storage-related changes occurring in the finished product were monitored by means of stability-specified control tests.

Shelf-life

The product has a shelf life of 3 years.

2. OBJECTIVE

The objective of the present study on is the assessment of the stability profile for storage under accelerated conditions. The samples were in inverted position to ensure contact with the container closure system.

3. PACKAGING

The stability tests on the test material listed above are performed in primary packaging.

4. STORAGE CONDITIONS AND TESTING INTERVALS

The various samples of the packaged product have been / will be tested according to the following schedule:

Storage Condition	Weeks / Months					
	0	1W	2W	4W	2M	3M
-15°C	X	X	X	X	X	X
25°C	X	X	X	X	X	X
50°C	X	X	X	X	X	X

5. ANALYTICAL PROCEDURES

The stability tests on the products were performed according to the control tests of USP. In the course of the stability testing the main emphasis was put on the stability-relevant test items as listed below:

Test Item	Test Method	Specification
Appearance	Visual	In accordance with the standard sample
Packaging properties	Visual	In accordance with the standard sample
Microbial Contamination	USP	Total count ≤ 500 CFU/g Yeast & Mold ≤ 100CFU/g

6. Results

The test results of the study are presented in the tables attached.

Physical Stability

The physical stability of samples proved to be unchanged after 3 months under conditions at 50°C , -15°C and 25°C .

The result obtained for the test item's "appearance" was not changed significantly.

Chemical Stability

Storage under conditions at 50°C, -15°C and 25°C for 3 months did not affect the chemical stability.

The content was not significantly changed compared to the initial value of the batches.

7. CONCLUSIONS

Significant changes in physical and chemical stabilities were not observed. The accelerated data show little or no change over time and little variability, the product passed stability test.

8. Summary of Stability Study Result

Storage		Appearance	Packaging	Total count	Yeast &
Time	Conditions	Appearance	properties	Total Count	Mold
		Color:			
Specifications		Odor:	Functional	≤500CFU/g	≤100CFU/g
		Texture:			
Initial	-	Complies	Complies	<10	<10
1W		Complies	Complies	<10	<10
2W	50°C	Complies	Complies	<10	<10
4W		Complies	Complies	<10	<10
2M		Complies	Complies	<10	<10
3M		Complies	Complies	<10	<10
1W	25°C	Complies	Complies	<10	<10
2W		Complies	Complies	<10	<10
4W		Complies	Complies	<10	<10
2M		Complies	Complies	<10	<10
3M		Complies	Complies	<10	<10
1W	-15°C	Complies	Complies	<10	<10
2W		Complies	Complies	<10	<10
4W		Complies	Complies	<10	<10
2M		Complies	Complies	<10	<10
3M		Complies	Complies	<10	<10

9. Schedule for Stability Study

Storage		C-1 - 1 1-	
Period	Condition	Schedule	
Initial	25°C	2023/08/24	
	-15°C	2023/08/31	
1 week	25°C	2023/08/31	
	50°C		
	-15°C	2022/00/07	
2 weeks	25°C	2023/09/07	
	50°C		
4 weeks	-15°C	2023/09/21	
	25°C	2023/09/21	
	50°C		
2 months	-15°C	2022/10/10	
	25°C	2023/10/19	
	50°C		
3 months	-15°C		
	25°C	2023/11/16	
	50°C		

Checked by

Approved by: Quality Department

Date: 2023/11/16