

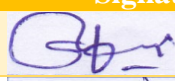
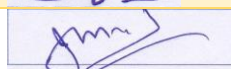
Certificate of Analysis
(The drug & Cosmetic act 1940 and rules there under)

Product Name: SIMETHICONE 50% POWDER

Reference	IH Standard	Product Code	KCPLSIME
Report No.	KCPL/COA/09/24-25	Report Date	19/04/2024
Batch NO.	106	Batch QTY	500 KG
Mfg. Date	14/04/2024	Expiry Date	13/04/2025
Date of Release	19/04/2024	Mfg. Lic. No.	G/25/1876

Sr. No.	Test	Specifications	Result
1	DESCRIPTION	White to off white coloured free flowing granular powder and it should be free from visible extraneous matter	off white coloured free flowing granular powder and it is free from visible extraneous matter
2	Identification (By FTIR)	Maximum absorbance of standard concordant with sample as test performed in assay.	complies
3	Particle size	NLT 80% passes through 40#	94% passes through 40#
4	Bulk density (Tapped)	0.40 to 0.70 g/cc	0.690 g/cc
5	Loss on Drying (at 105°C for at 2 hrs)	NMT 6.0%	1.22%
Assay (By IR)			
6	Polydimethylsiloxane content	45.20% - 49.50%	48.65%
7	Silicone dioxide content	2.00% - 3.50%	2.39%
8	Simethicone content	47.20% - 53.00%	49.43%
9	Defoaming Activity	NMT 45 Seconds	08 Seconds
Microbial Limit Test			
10	Total Microbial Count	Less than 1000 CFU/gm	<10 UFU/g
11	Yeast & Mold	Less than 100 CFU/gm	<10 UFU/g
Pathogens			
12	E.coli	Absent	Absent

Report: In the opinion of the undersigned authorities the material complies with IH Specification

Particulars	Name	Designation	Signature
Tested By:	Mr. Sanket	QC Chemist	
Approved By:	Mr. Jayesh Shah	QC Head	

Storage: To be stored away from sunlight and humid areas.