

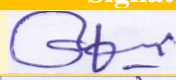
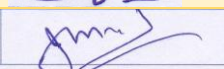
Certificate of Analysis
(The drug & Cosmetic act 1940 and rules there under)

Product Name: SIMETHICONE BP 100%

Reference	BP Standard	Product Code	KCPLSIME
Report No.	KCPL/COA/54/24-25	Report Date	28/04/2024
Batch NO.	151	Batch QTY	100 KG
Mfg. Date	23/04/2024	Expiry Date	27/04/2025
Date of Release	28/04/2024	Mfg. Lic. No.	G/25/1876

Sr. No.	Test	Specifications	Result
1	Appearance	Viscous, grayish-white, opalescent liquid.	Complies
2	Solubility	Insoluble in cold water, hot water & alcohol, partly miscible with ethyl acetate, with methylene chloride, methyl ethyl ketone and toluene.	Complies
3	Identification	IR absorption spectrum confirms to Reference Standard.	Complies
4	Acidity	To 2.0 g add 25ml of a mixture of equal volumes of anhydrous ethanol and ether, previously neutralized to 0.2ml of bromothymol blue solution, and shake, not more than 3.0 ml of 0.01 M sodium hydroxide is required to change the colour of the solution to blue.	1.2 ml
5	Defoaming Activity	NMT 15 second	11 second
6	Mineral Oils	As per BP Standards	Complies
7	Phenylated Compounds	As Per BP Standards	Complies
8	Volatile matters	Maximum 1%	Complies
9	Heavy Metal	NMT 5µg/gm	Complies
10	Assay as silicon dioxide	4.0 to 7.0 % w/w	6.19%
11	Assay as Poly dimethyl siloxane	90.5 to 99% w/w	95.33%

Report: In the opinion of the undersigned authorities the material complies with BP 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.