

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Vitamin C in Silicone (20% L-ascorbic acid)
INCI Name: Cyclopentasiloxane, l-ascorbic acid, polysilicone-11, ethylhexyl hydroxystearate
CAS Number: 541-02-6, 50-81-7, 63394-02-5, 156065-02-0, 29383-26-4, 29710-25-6
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Analytical Tests	Specifications/Limits	Results
Appearance 25degrees C	Off-white paste	Pass
Viscosity at Amorphous State @ 25°C, cPs: (Brookfield DV-1+, Spindle TE, 0.3rpm, 1.0 min) (measured right after mixing to uniform)	300,000-700,000	482,000
Non-Volatile Matter, wt% (105°C, 1.5g, 3hrs, Gravity Oven)	32.00-37.00	35.64
Vitamin C % Content (Mass Balance)	20 Minimum	20.05

Due to the characteristics of elastomer materials, product may appear lumpy at times. This can be caused by chemical structure, interaction with solvents, and/or storage conditions. Material appearing lumpy can be propeller mixed or homogenized to return to its original state. Please be advised the quality and performance of the material is unaffected.

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.