



武汉福鑫化工有限公司

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### CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Dimethicone Type: 1000 mm <sup>2</sup> /s	9006-65-9	20231215
Mfg. Date	Exp. Date	Package
Dec.,15,2023	Dec., 14,2025	20kg/ Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	A Clear, colourless liquid .	Conform
Odor	Odorless	Conform
Solubility	Soluble in chlorinated hydrocarbons, in benzene, in toluene in xylene, in n-hexane in petroleum spirits. in ether and in amyl acetate; very slightly soluble in isopropyl alcohol, insoluble in water, in methanol. In alcohol and in acetone.	Conform
Identification	The IR absorption spectrum of the Sample exhibits maxima only at the same wavelengths as that of the Standard, obtained as directed in the Assay.	Conform
Specific gravity	0.967 – 0.975	0.972
Refractive Index	1.4013 – 1.4053	1.4035
Viscosity	950 – 1050 mm <sup>2</sup> /s	1011 mm <sup>2</sup> /s
Acidity	NMT 0.10 mL of 0.050 N alcoholic potassium hydroxide is required.	Conform
Loss on heating	NMT 0.3%	0.1%
Assay	97.0% - 103.0%	100.0%
Conclusion	According to the USP43-NF38 detection results are in accord with the provisions.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03