



Product Specification

Dimethicone (DMPS)	Date 01.07.09	Reference USP/NF 32/27
Material Specification No. DMPS-02	Supersedes Doc. of 1.07.08	Page No. 1 of 1
NAME	:	Dimethicone
DESCRIPTION	:	Clear, Colourless liquid.
IDENTIFICATION	:	By Infrared absorption.
SPECIFIC GRAVITY	:	1. 20cSt – Range 0.946 - 0.954 2. 100cSt – Range 0.962 - 0.970 3. 350cSt – Range 0.965 - 0.973 4. 1000cSt – Range 0.967 - 0.975
VISCOSITY	:	1. 20cSt – limit 18 - 22 cSt 2. 100 cSt – limit 95 -105 cSt 3. 350cSt – limit 332.5-367.5 cSt 4. 1000cSt – limit 950-1050 cSt
REFRACTIVE INDEX	:	1. 20cSt – 1.3980 - 1.4020 2. 100 cSt – 1.4005 – 1.4045 3. 350 cSt – 1.4013 - 1.4053 4. 1000cSt – 1.4013 – 1.4053
ACIDITY	:	NMT 0.1 ml of 0.050 N alc. KOH
LOSS ON HEATING	:	NMT 0.3 %
HEAVY METAL	:	NMT 5 ppm
ASSAY	:	97 to 103 %
Prepared by	Checked & Approved by	
		