

KARBOMER 980 ANALİZ SERTİFİKASI

Product Name : Carbomer 980 (Karbomer 980)

Cas Number : 139637-85-7

Molecular Formula : Bilinmiyor

PARAMETER	UNIT	SPECIFICATION	RESULTS
DESCRIPTION		WHITE, FLUFFY, HYGROSCOPIC POWDER HAVING A SLIGHT, CHARACTERISTIC ODOR. THE PH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.	WHITE, FLUFFY, HYGROSCOPIC POWDER HAVING A SLIGHT, CHARACTERISTIC ODOR. THE PH OF 1 IN 100 DISPERSION IN WATER IS ABOUT 3.
SOLUBILITY		WHEN NUTTRALIZED WITH ALKLI HYDROXIDE OR WITH AMINE, IT SWELLS GIVING THE APPERANCE OF DISSOLVING IN WATER.	COMPLIES
		WHEN NEUTRALIZED WITH LOWER AMINES AND ALKANOLAMINES, IT SWELLS GIVING THE APPERANCE OF DISSOLVING IN METHANOL OR GLYCERIN.	COMPLIES
		WHEN NEUTRALIZED WITH EHOXYLATED LONG-CHAIN AMINES, IT SWELLS GIVING THE APPERANCE OF DISSOLVING IN ETHANOL.	COMPLIES
IDENTIFICATION A		IR SPECTROMETRY	COMPLIES
IDENTIFICATION B		A VISCOUS GEL IS PRODUCED	A VISCOUS GEL IS PRODUCED
IDENTIFICATION C		10 ML GEL WITH 2 ML OF $CaCl_2$ SOLUTION (100 MG/ML) - WHITE PRECIPITATE FORMED	WHITE PRECIPITATE FORMED
IDENTIFICATION D		1). 10 MG/ML DISPERSION WITH THYMOL BLUE - ORANGE COLOUR	ORANGE COLOUR PRODUCED
		2). 10 MG/ML DISPERSION WITH CRESOL RED - YELLOW COLOUR	YELLOW COLOUR PRODUCED
RESIDUE ON IGNITION	%	NMT 4.0	0.88
LIMIT OF ETHYL ACETATE AND CYCLOHEXANE	%	ETHYL ACETATE: NMT 0.5	NOT DETECTED
		CYCLOHEXANE: NMT 0.3	NOT DETECTED
LIMIT OF BENZENE	ppm	NMT 2	NOT DETECTED
LIMIT OF ACRYLIC ACID	%	NMT 0.25	0.21
LOSS ON DRYING (IN VACUUM AT 80 FOR 1 HOUR)	%	NMT 2.0	0.72
VISCOSITY (0.5% MUCILAGE IN WATER, 25°C PH 7.3-7.8, SPINDLE # 7, RPM 20)	mPa.s	40,000 TO 60,000	47000
ASSAY FOR CARBOXYLIC ACID CONTENT	%	56.0 TO 68.0	58.02

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır