



FUTURE PRELUDE SDN. BHD. (713598-K)

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SPECIFICATION

GLYCERINE USP GRADE

TEST PARAMETER	UNIT	SPECIFICATION	ANALYSIS METHOD
COLOR APHA (Pt-Co HAZEN SCALE)	Hazen	10 MAX	APHA COLOR SCALE MEASUREMENT UNIT
IDENTIFICATION BY GC	-	PASS TEST AS GLYCERINE	USP METHOD 621
SPECIFIC GRAVITY	-	1.249 MIN	DENSITOMETER
ASSAY(%GLYCERINE ON ANHYDROUS BASIS)	%	99.5 MIN	USP
MOISTURE	%	0.5 MAX	KARL FISHER MEASUREMENT UNIT
FATTY ACIDS & ESTERS(ml of 0.5N NaOH)	ml	1 MAX	USP METHOD 541
HEAVY METALS	ppm	5 MAX	USP METHOD 231
CHLORIDES	ppm	10 MAX	USP METHOD 221
SULFATE	ppm	20 MAX	USP METHOD 221
RESIDUE ON IGNITION	%	0.01 MAX	USP METHOD 281
LIMITED OF CHLORINATED COMPOUNDS	ppm	30 MAX	USP
DIETHYLENE GLYCOL(DEG) & RELATED COMPOUNDS	%	DEG IMPURITIES – 0.1 MAX INDIVIDUAL IMPURITIES – 0.1 MAX SUM OF ALL IMPURITIES – 1.0 MAX	USP METHOD 621
ORGANIC VOLATILE IMPURITIES	-	PASS	USP METHOD 467