



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Technical Data Sheet Refined Glycerine

TECNICAL DATA SHEET (TDS) REFINED GLYCERINE						
SPECIFICATION	UNIT	TSE 829	F422	USP GRADE	EP GRADE	LEGEND CHEMICALS
Appearance		Transparent	Clear, Colorless	Transparent	Clear, Colorless	Clear Colorless
Odour	-	Odourless	Odourless	Odourless	Odourless	Odourless
Color	APHA/LAVIBOND	0.2red-1 yellow LAVIBOND	-			10max Apna-0,2 red- yellow LAVIBOND
Specific Gravity (250)	gr/cm3	min. 1,2600	min. 1.2570	min. 1,249		min 1,2570
Glycerine Content	%	min 98,0	min 98,0	min. 99,7	98-101	min. 99,7
Sulphate Content (As SB4)	-%pom		-	20ppm max.		10pom max
Sulphate Anh	%	0.01max.	0,01max.		0.01max	0,01max.
Total Impurities	%		-	1.0max.		1max.
Water Content (Houisture)	%		5max	5max.	2max.	0,5max
Residue on ignition	%			0.01max		0,005max.
Arsenic	kg)/ppm(mg	2max	3max	-	0,1max	0,1max
Cadmium	kg)/ppm(mg		1max		0.1max	0,1max
Lear	kg)/pomimg		2max		01max	0,1max
Mercury	kg)/pom(mg		1max		0.1max	0,1tak
Impurity A-diethylene Glycol	45417				0.1max	0,1max
Impurities with IT-Glycerol	%				0.1max	0,1max
Impurities with RT<Glyceral	45417		-	-	0.5max	0,5tax
Indivual Impurities	%			0,1max	-	0,1mex
Chlorinated Campnunds	pom-%		30ppm max	30ppm max		30ppm max
Halogenetad Compounds	kg)/mg/ppm		-	-	35ppm max	35ppm max
Olethylene Glycol	%		-	-	-	0,1max
Ethylene Glycol	%					0,1max
Fatty Acids & Esters	45417	0,02max	0.1max.	-	-	0.02max
Aldehydes fas CH20)	pom		-		10max	10max
Esters	ml 0.1 M HCl		-		min. 8	min B
Sugar	-	Pass		-	Pass	Pass
Butanetriols	%		0.2max.	-		0.2max
Icentification Al Refractive	ND 20		1471-1474	-	1.470-1475	1471-1474
Index 20 °C						
-3Monochlerspropane-12- diel (3- NCO)	kg/mg		0,1max	-		0,1max
Glycose, Ammonia. Compounds			Pass			Pass
Acrolein	kg)/ppm(mg		Pass	-	3max.	3max



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