



武汉泽山成生物医药有限公司
Wuhan ZeShanCheng Biomedical Technology Co., Ltd.

质量报告单
CERTIFICATE OF ANALYSIS

Product name CAS#		Ethylene glycol 107-21-1	packing	STD
batch		20190115	Manufacturing date	2019/01/15
quantity		20MTS	Valid date	2021/01/14
items		Specification		result
appearance		Colorless, transparent and free from mechanical impurities		Colorless, transparent and free from mechanical impurities
Glycol mass fraction % ≥		99.8		99.5
Chrominance (platinum-cobalt)/no ≤		5		10
Density (20 °C) (g/cm after)		1.1128~1.1138		1.1133
Boiling range	Initial Boiling Point °C ≥	196		175
	End Boiling Point °C ≥	199		193.5
Moisture % ≡		0.1		0.099
Acidity (in caproic acid) %		0.001		0.002
Iron % ≡		0.00001		0.000008
DEG(diethylene glycol) % ≤		0.1		0.025
Aldehyde (in formaldehyde)% ≤		0.0008		0.0032
Uv transmittance	220mm ≥	75		27.71
	275mm ≥	92		73.33
	350mm ≥	99		95.81
Vinyl carbonate% ≤				0.178
1,4BDO%				0.1023
1,2BDO% (1,2cis-butanediol)				0.129
conclusion : this material complies with enterprise standard.				

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 ANALYST