



TDS of Glyoxylic Acid(50%~99%)

1.Quick details of glyoxylic acid 50% liquid or glyoxylic acid 99% with CAS 298-12-4

Classification:Carboxylic Acid

CAS No.:298-12-4

MF:C2H2O3

EINECS No.:206-058-5

Purity:50.0%±0.5%,99%

Appearance:Yellowish transparent liquid

Other Names: Oxalaldehydic acid,2-oxoethanoic acid ,GA,oxo-acetic acid,Glyoxalate, Glyoxylic acid 50% in water;glyoxylic acid free acid;aldehydoformic acid;alpha-Ketoacetic acid.

Capacity: 5000MT per month.

Specification:

Item	Normal Grade	Cheating Grade A	Cheating Grade B	Cheating Grade C	Special Grade A	Special Grade B		
Assay	≥50%	≥50%	≥50%	≥50%	≥50%	≥50%	Glyoxylic acid monohydrate	
Glyoxal	≤1.0%	≤0.5%	≤0.5%	≤0.25%	≤0.01%	≤0.01%		563-96-2
Nitric acid	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected		Formylformic acid, Oxoethanoic acid
Oxalic acid	≤1.0%	≤1%	≤0.5%	≤0.25%	≤0.5%	≤0.2%		100 °C(lit.)
Iron	≤20ppm	≤20ppm	≤20ppm	≤20ppm	≤10ppm	≤5ppm		Liquid
Heavy metal	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤3ppm	≤1ppm		2 Years
Chloride	≤50ppm	≤40ppm	≤40ppm	≤40ppm	≤5ppm	≤3ppm		Store below +30°C.
Chroma	≤300#	≤250#	≤250#	≤250#	≤100#	≤80#		99% White to light yellow

Application: hair dye, hair care product, skin care products

1.Used as material for methyl vanillin, ethyl vanillin in flavor industry.

2.used as intermediate for D-hydroxybenzeneglycin, broadspectrum antibiotic, acetophenone, amino acid etc.

3.Used as intermediate of varnish material, dyes, plastic, agrochemical, allantoin and daily-use chemical etc.It is popular in the cosmetic industry,for hair dye;hair care product;skin care product ect.

4.Glyoxylic acid is the material for water purificants,pesticides.It is used as an intermediate of varnish material and dyes.

5.Glyoxylic acid also can be used in the preservation of food,as a crosslinking agent of polymerization and as a plating additive.



Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China
Contact: +86-15668417750 Website: www.unilongindustry.com

Packing and Storage:

25kgs/drum and 1250kgs IBC drum and 25ton/30ISO TANK

plastic drum, 25 kg

Storage: Stored in the dry and ventilated inside storeroom, prevent direct sunlight, slightly pile and put down

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