Guangan Chengxin Chemical Co., Ltd.

Certification of Analysis

Inspection Q/66742900-8. 6-2019 Data: 2021 年 04 月 18 日

Name of product	GLYCOLIC ACID	Lot No.	20210417
Molecular	C2H4O3	Production Data	2021/04/18
Quantity	16,000KGS	Sampling Data	2021/04/18
Aspect		colorless liquid	
Item		Specification	Results
1. Total acid C2H4O3 (Hydroxyacetic acid)		70.00%~72.00%	70.38%
2, Free acid (Hydroxyacetic acid) ≥		62.00%	64.09%
3, Clarity test		Qualified	Qualified
4, Water insolubles ≤		0.01%	0.008%
5, Residue on ignition ≤		0.05%	0.03%
6, Chroma(Hazen) ≤		15	13
7, Sulphuric acid test		Qualified	Qualified
8, chloride(Cl-) ≤		0.001%	0.0001%
9, sulphate(SO42-) ≤		0.05%	0.001%
10, Fe ≤		10ppm	1.15ppm
11, Heavy metal(Pb) ≤		0.001%	0.001%
12, As ≤		0.0002%	0.0002%
Conclusion : Approved			

Checked By: TANG YAN Approved By: LUO XIAO LI