

Certificate of Product Pyruvic Acid

Product name:	Pyruvic Acid	Batch No.	KJ20210305
Cas	127-17-3	MF Date	Mar.05,2021
Packing	25kgs/drum or 200kgs	Analysis Date	Mar.05,2021
Quantity	5000kgs	Expiry Date	Mar.04,2023
Item	Standard	Result	
Appearance	Light Yellow Liquid	confirms	
Assay	NLT 95.0%	95.33%(GC)	
	NLT 98.0%	Titration	
Acetic Acid	NMT 1.0%	0.73%(GC)	
Water	NMT 2.0%	1.63%(Karl Fischer)	
Specific Gravity 20°C	1.260-1.275	1.269 (Pycnometer)	
Refractive Index at 20°C	1.420-1.430	1.427 (Abbe Refractor)	
Sulfate	NMT 400ppm	Confirm (Colorimetric method)	
Chloride	NMT 100ppm	Confirm (Colorimetric method)	
Conclusion	Confirm with Enterprise Standard		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng