



湖北江民泰华化工有限公司

Hubei TAIHO Chemical Co.,Ltd

Certificate of Analysis

Product name:	L-MALIC ACID	CAS NO.:	97-67-6
Inspection basis:	GB1886.40-2015	Batch No.:	TH11502
Packing weight	25Kg*40	Quantity:	1t
Manufacturing date:	2020.11.27	Issuing date:	2020.12.07
Expiry date:	2022.11.26		
Title of index		Index	Result
Sensory requirements	Colour	White	White
	Shape	Crystal or crystalline powder	Crystalline powder
	Odor	Special sour	Special sour
Assay,	W/%	≥ 99.0	99.4
Specific rotation		$-1.6 \sim -2.6$	-2.0
Residue on ignition	W/%	≤ 0.1	0.02
State of solution		Pass	Qualified
Sulfate[SO ₄]	W/%	≤ 0.02	< 0.02
Chloride[Cl]	W/%	≤ 0.004	< 0.004
Fumaric acid	W/%	≤ 0.05	0.03
Heavy metals[pb]	mg/kg	≤ 10.0	< 10.0
Arsenic [as as],	mg/kg	≤ 2.0	< 2.0
Conclusion:	QUALIFIED		