

CERTIFICATE OF ANALYSIS

Product Name:	Itaconic acid	Batch No.	JL20220728
Cas	97-65-4	MF Date	Jul. 28, 2022
Packing	25KGS/BAG	Analysis Date	Jul. 28, 2022
Quantity	22MT	Expiry Date	Jul. 27, 2024
ITEM 分析项目	STANDARD 技术指标	RESULT 实测结果	
Appearance	White Crystalline Powder	Conform	
Purity	≥ 99.7%	99.85%	
Granular particle size distribution	20-60 Mesh, ≥80%	85 %	
Color(5% water solution)	≤ 5 APHA	4 APHA	
5% Water solution	Colorless and transparent	Conform	
Melting point	165-168 °C	165.6-166.4 °C	
Sulphate	≤ 20 PPM	12 PPM	
Chloride	≤ 5 PPM	3 PPM	
Heavy metal(as Pb)	≤ 5 PPM	2 PPM	
Iron	≤ 5PPM	1 PPM	
As	≤ 4 PPM	< 2 PPM	
Mn	≤ 1PPM	0.07 PPM	
Cu	≤ 1 PPM	0.2 PPM	
Loss on drying	≤ 0.1%	0.08%	
Residue on ignition	≤0.01%	0.009%	
Conclusion	Qualified		

Analyst: Wen Qian**Quality Assurance Officer: Zhan Peng**