



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Methyl (S)-(-)-lactate	Batch No.	JL20230908
CAS	27871-49-4	MF Date	Sep.10,2023
Packing	220kg/drum	Analysis Date	Sep.10,2023
Quantity	30Ton	Retest Date	Sep.09,2024
Item	Standard	Result	
Apperance	Colorless transparent liquid	Colorless transparent liquid	
Chroma(APHA)	≤ 50	5	
Relative density(25°C/25°C)	1.08~1.10	1.092	
refractive index(20°C)	1.410~1.418	1.413	
Acid value(NaOH)(mg/g)	≤ 1.0	0.28	
Ester content, w/%	≥ 99.0	99.51	
Optical purity, w/%	≥ 99.0	99.23	
Water(K·F),w/%	≤ 0.2	0.06	
Methanol, w/%	≤ 0.5	0.049	
Conclusion	This product complies with the Q/YCHD02-2015 standard		

Analyst: Wen Qian

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