

安徽雪郎生物科技股份有限公司  
ANHUI SEALONG BIOTECHNOLOGY CO.,LTD

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CERTIFICATE NO.: AHSL 1910048

NO.: DL19-10048

CERTIFICATE OF ANALYSIS

COMMODITY: DL-MALIC ACID  
QUANTITY: 42000KGS  
BATCH NUMBER: 1910048  
DATE OF MANUFACTURE: Oct.30, 2019  
EXPIRY DATE: Oct.29, 2021  
PACKAGE NUMBER: 1680BAGS

RESULTS OF INSPECTION

REPRESENTATIVE SAMPLES WERE TAKEN FROM THIS LOT OF GOODS FOR QUALITY INSPECTION WITH THE RESULTS AS FOLLOWS:

CHARACTERS: WHITE CRYSTAL POWDER OR CRYSTALLINE GRAINS POWDER  
MALATE TEST: POSITIVE

<u>ITEM</u>	<u>CONFORMS</u>	<u>RESULT</u>
ASSAY (%)	99.0-100.5	99.3
SPECIFIC ROTATION	-0.1 -- +0.1	0
MELTING RANGE (°C)	127-132	129
WATER INSOLUBLES (%)	MAX 0.1	0.006
SULPHATED ASH (%)	MAX 0.1	0.06
FUMARIC ACID (%)	MAX 1.0	0.59
MALEIC ACID (%)	MAX 0.05	0.03
HEAVY METALS PPM	MAX10	<10
ARSENIC PPM	MAX2	<2
LEAD PPM	MAX 2	< 2
MERCURY PPM	MAX1	<1
IDENTIFICATION TEST	IR ABSORPTION	CONFORMED

CONCLUSION: THIS LOT OF GOODS IS IN CONFORMITY WITH THE REQUIREMENTS OF E296/FCC9

ANALYST: WANGXIAOFENG

INSPECTOR: SHI YONG