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 1610004

NO.: DL16-10004

CERTIFICATE OF ANALYSIS

quality department

COMMODITY: DL-MALIC ACID

QUANTITY:21000KGS BATCH NUMBER: 1610004

DATE OF MANUFACTURE: Oct.01,2016

EXPIRY DATE: Sept.30,2018 PACKAGE NUMBER:840BAGS

PO NO.241004387

RESULTS OF INSPECTION

REPRESENTATIVE SAMPLES WERE TAKEN FROM THIS LOT OF GOODS FOR

QUALITY INSPECTION WITH THE RESULTS AS FOLLOWS:

CHARACTERS: WHITE CRYSTALLINE PARTICLES, WITH SPECIAL SOURNESS

MALATE TEST: POSITIVE

ITEM	CONFORMS	RESULT
ASSAY (%)	99.0-100.5	99.2
SPECIFIC ROTATION	-0.1 +0.1	0
MELTING RANGE (°C)	127-132	131
WATER INSOLUBLES (%)	MAX 0.1	0.01
SULPHATED ASH (%)	MAX 0.1	0.04
FUMARIC ACID (%)	MAX 1.0	0.54
MALEIC ACID (%)	MAX 0.05	0.02
HEAVY METALS PPM	MAX10	<10
ARSENIC PPM	MAX2	<2
	MAX 2	< 2
LEAD PPM	MAX1	<1
MERCURY PPM IDENTIFICATION TEST	IR ABSORPTION	COMFORMED

CONCLUSION:

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

ANALYST: WANG XIAOFENG

INSPECTOR: YAN HONG