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分　析　单

CERTIFICATE OF ANALYSIS

CERT. NO.		**BATCH NO.**	**131026**
PRODUCT NAME	DL-Malic acid	**CAS NO.**	617-48-1
MANUFACTURE DATE	26TH OCT.,2013	**REPORT DATE**	26TH OCT.,2013

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White granules or white crystalline powder having a strong acid taste	White granules having a strong acid taste
State of solution	Clarification	Conform
Specific rotation	-0.10° - +0.10°	0.00°
Assay	99.0-100.5%	99.8%
Arsenic	2mg/kg max.	Less than 2mg/kg
Lead	2mg/kg max.	Less than 2mg/kg
Fumaric acid	1.0%max.	0.69%
Maleic acid	0.05%max.	0.01%
Water-insoluble matter	0.1%max.	0.02%
Residue on ignition	0.1%max.	0.02%
CONCLUSION	CONFORMS WITH STANDARD	

APPROVED BY: BAI HE　　CHECKED BY: TAO SUN　　TESTED BY: WAN CHENG

SIGNED BY