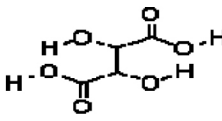


CERTIFICATE OF ANALYSIS

Product name	DL-Tartaric Acid
CAS Number	133-37-9
Molecule Structure	
Molecule Formula	C ₄ H ₆ O ₆
Batch number	201404059
Manuf&Exp. Date	2014-04-28, 2016-04-27
Testing date	2014-04-28

Items	Standard	Result
Appearance	White crystalline powder	Complies
Assay	99.5%min	99.68%
Melting point	200-206°C	201-204°C
Sulphate	0.02% max	Complies
Heavy metal	0.001% max	Complies
Arsenic	0.0002% max	Complies
Chloride	0.002% max	Complies
Oxalate	Qualified	Complies
Loss on drying	0.5% max	0.28%
Residue on ignition	0.10% max	0.08%