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## **-CERTIFICATE OF ANALYSIS-**

Product:	D-(+)-Malic acid
Code Number:	OR315008
CAS Number:	636-61-3
Formula:	C <sub>4</sub> H <sub>6</sub> O <sub>5</sub>
Batch Number:	AS516668
Appearance:	White to off white solid
Water content:	0.34% (KF)
Purity	NMR: ≥98.0%; Residue on ignition: 0.09%; OR( C=5.5 g/100mL,Pyridine ): 1.30°
Identity:	<sup>1</sup> H NMR consistent with structure

Verified by: David Parton

Signed: --Digital document, no signature required--