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## **-CERTIFICATE OF ANALYSIS-**

Product: (R)-(+)-Methylsuccinic acid

Code Number: OR913598

CAS Number: 3641-51-8

Formula: C<sub>5</sub>H<sub>8</sub>O<sub>4</sub>

Batch Number: AS513188

Appearance: White solid

Melting Point: 111-113 degrees C

Purity 98% (NMR); Specific  
rotation [ $\alpha$ ] 20 D: +16.1 °  
(c=2, EtOH)

Identity: NMR conforms to structure

Verified by: David Parton

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