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## **-CERTIFICATE OF ANALYSIS-**

Product: (2S,3S)-(+)-2,3-Bis[(4-methylbenzoyl)oxy]butane-1,4-dioic acid

Code Number: OR14900

CAS Number: 32634-68-7

Formula: C<sub>20</sub>H<sub>18</sub>O<sub>8</sub>

Batch Number: AS487809

Appearance: White crystalline powder

Melting Point: ~169-172 degrees C

Water content: 0.18%w/w by KF

Purity by HPLC: 99.4% by area

Titration: 99.5% (0.1M NaOH  
anhydrous basis)

Verified by: David Parton

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