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-CERTIFICATE OF ANALYSIS-

Product: (R)-alpha-Hydroxy-gamma-butyrolactone

Code Number: OR315289

CAS Number: 56881-90-4

Formula: C₄H₆O₃

Batch Number: AS470397

Appearance: Colourless liquid

Purity by GC: 98.7%

Purity ee by GC: 99.9%

Optical Rotation: +70.09 deg (c=1.2, CHCl₃)

Identity: ¹H-NMR conforms to
structure

Verified by: David Parton

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