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-CERTIFICATE OF ANALYSIS-

Product: (S)-2,2'-Dihydroxy-[1,1']-binaphthyl

Code Number: OR6693

CAS Number: 18531-99-2

Formula: C₂₀H₁₄O₂

Batch Number: AS484848

Appearance: White powder

Water content: <0.01% w/w (KF)

Purity by HPLC: 99.8% by area

Optical Rotation: -32.85 deg

Identity: IR conforms to structure

Verified by: David Parton

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