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-CERTIFICATE OF ANALYSIS-

Product: Quinine monohydrochloride dihydrate

Code Number: BIQ1204

CAS Number: 6119-47-7

Formula: $C_{20}H_{24}N_2O_2 \cdot ClH \cdot 2H_2O$

Batch Number: AS518648

Appearance: White crystalline powder

Purity by HPLC: 99.6% by area

Optical Rotation: 246.86

Verified by: David Parton

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