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## **-CERTIFICATE OF ANALYSIS-**

Product: (-)-Sparteine

Code Number: OR18100

CAS Number: 90-39-1

Formula: C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>

Batch Number: AS524905

Appearance: Clear, very dark red to very dark red/brown liquid

Optical Rotation: -12 deg c (CHCl<sub>3</sub>) C=1

Country of Origin: United Kingdom

Verified by: Saad Khokhar

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