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0506



## **-CERTIFICATE OF ANALYSIS-**

Product: (2S)-(-)-Piperazine-2-carboxylic acid dihydrochloride

Code Number: OR15638

CAS Number: 158663-69-5

Formula: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>·2ClH

Batch Number: AS509207

Appearance: White solid

Water content: 0.3% (KF)

Purity 95% (NMR)

Optical Rotation: -6.010 (C=1 H<sub>2</sub>O)

Identity: NMR conforms to structure

Verified by: David Parton

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