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## **-CERTIFICATE OF ANALYSIS-**

Product: 4,4'-Bipyridine dihydrochloride

Code Number: OR7090

CAS Number: 27926-72-3

Formula: C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>·2ClH

Batch Number: AS469266

Appearance: Solid

Purity Chromatographic Purity by  
LCMS 95%+

Identity: MS 1HNMR, 13CNMR,  
Conforms to structure

Verified by: David Parton

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