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## **-CERTIFICATE OF ANALYSIS-**

Product: 4,4'-Bipyridine N,N'-dioxide  
Code Number: OR22806  
CAS Number: 24573-15-7  
Formula: C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
Batch Number: AS511095  
Appearance: Pale yellow solid  
Purity: 98% (NMR)  
Identity: NMR conforms to structure

Verified by: David Parton

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