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## **-CERTIFICATE OF ANALYSIS-**

Product: N,N,N',N'-Tetramethyl-p-phenylenediamine dihydrochloride

Code Number: OR11243

CAS Number: 637-01-4

Formula: C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>.2ClH

Batch Number: AS502738

Appearance: Off-white powder

Melting Point: (dec.) 215 degrees C

Water content: No water detected by KF

Titration: 101.4% ex chloride

Identity: NMR conforms to structure

Verified by: David Parton

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