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-CERTIFICATE OF ANALYSIS-

Product: 3-(Piperazin-1-yl)propanenitrile

Code Number: OR4194

CAS Number: 34064-86-3

Formula: C7H13N3

Batch Number: AS503141

Appearance: Clear, colourless oil

Purity by GC: 98.4%

Identity: NMR conforms to structure

Verified by: David Parton

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