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## **-CERTIFICATE OF ANALYSIS-**

Product: 4-Nitrophthalonitrile

Code Number: OR8247

CAS Number: 31643-49-9

Formula: C<sub>8</sub>H<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

Batch Number: AS479131

Appearance: White to off white powder

Melting Point: 135.5-140.7 degrees C

Water content: 0.13% w/w (KF)

Purity by GC: 97.1% by area

Purity by HPLC: 99.1% by area (210nm)

Verified by: David Parton

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