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## **-CERTIFICATE OF ANALYSIS-**

Product: 7H-Perfluoroheptanoyl chloride

Code Number: PC3131E

CAS Number: 41405-35-0

Formula: C<sub>7</sub>HF<sub>11</sub>O<sub>2</sub>

Batch Number: 5g-AS483672

Appearance: Clear, yellow to light beige liquid

Purity by GC: 98.7% by area

Purity: >98% by NMR

Identity: <sup>1</sup>H NMR conforms to structure

Verified by: David Parton

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