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## **-CERTIFICATE OF ANALYSIS-**

Product: Ethyl 4-(diethoxyphosphoryl)-3-methylcrotonate, tech  
Code Number: OR10804  
CAS Number: 41891-54-7  
Formula: C11 H21 O5 P  
Batch Number: AS447987  
Appearance: Clear, yellow liquid  
Purity: 86.2% (31P-NMR)  
Identity: <sup>1</sup>H-NMR conforms to structure

Verified by: David Parton

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