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-CERTIFICATE OF ANALYSIS-

Product: 4-Phenylbutanoic acid

Code Number: OR2390

CAS Number: 1821-12-1

Formula: C10H12O2

Batch Number: AS458803

Appearance: White, tiny crystalline flakes

Melting Point: 49.8 - 50.6 degrees C

Water content: 0.05%w/w by KF

Purity by HPLC: 99.9% by area (210nm)

Titration: 99.6%w/w as product (0.1M

NaOH)

Verified by: David Parton

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