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-CERTIFICATE OF ANALYSIS-

| Product: | 2,3,4-Trifluorobenzoic acid |
|-----------------|-------------------------------------|
| Code Number: | PC7281L |
| CAS Number: | 61079-72-9 |
| Formula: | C7H3F3O2 |
| Batch Number: | AS454182 |
| Appearance: | White to off white, fluffy powder |
| Melting Point: | 141.1 - 141.6 degrees C |
| Water content: | 0.03%w/w by KF |
| Purity by HPLC: | 99.8% by area (230nm) |
| Titration: | 101.2%w/w as product (0.1M NaOH) |

Verified by: David Parton

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