## Chem-Impex International, Inc.

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## Certificate of Analysis

| Catalogue Number               | 12974   |
|--------------------------------|---|
| Lot Number                     | 001932-43-20151227  |
| Product                        | 4-Bromomethyl-3-nitrobenzoic acid                         |
|                                | 4-Carboxy-2-nitrobenzylbromide                            |
| CAS Number                     | 55715-03-2  |
| Molecular Formula              | $C_8H_6BrNO_4$  |
| Molecular Weight               | 260.04  |
| Appearance                     | Light yellow crystalline powder                           |
| <b>Melting Point</b>           | 127-130 °C  |
| Water Content (Karl<br>Fisher) | 0.25%   |
| <sup>1</sup> H NMR             | Conforms to structure                                     |
| Purity by HPLC                 | 98.66%  |
| Storage                        | Store at 0-8 °C   |
| Remarks                        | See material safety data sheet for additional information |
|                                | For laboratory use only                                   |
|                                |   |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

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Bala Kumar Quality Control Manager