## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 21652

**Lot Number** 001932-24-20160510

Product DL-2,4-Diaminobutyric acid dihydrochloride

DL-2,4-Diaminobutanoic acid dihydrochloride

**CAS Number** 65427-54-5

**Molecular Formula** C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>•2HCl

Molecular Weight 191.06

**Appearance** Off-white crystalline powder

0.3%

**Water Content (Karl** 

Fisher)

**Residue On Ignition** 0.07%

<sup>1</sup>H NMR Conforms to structure

**Assay by titration** 98.3%

**Storage** Store at  $\leq$  -4 °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

**Bala Kumar** 

**Quality Control Manager**