## Chem-Impex International, Inc.

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Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 01522

Lot Number 002630-20170502

Product Pyruvic acid

α-Ketopropionic acid

CAS Number 127-17-3 Molecular Formula C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>

**Molecular Weight** 88.06

**Appearance** Yellow liquid

Specific Gravity 1.27

**Refractive Index** 1.42 (at 20°C)

**Heavy Metals** < 10 ppm

**Cation** Arsenic (As): < 1 ppm

0.62%

**Water Content (Karl** 

Fisher)

**Residual Solvents** Acetic acid: 0.71%

Purity by GC 98.72% Storage Store at RT

**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**