## Chem-Impex International, Inc.

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935 Dillon Drive
Wood Dale, IL 60191

825 Dillon Drive
Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 01537

Product Saponin

(from Quillaja bark spray dry powder)

**Lot Number** 002610-193-017-16

**CAS Number** 8047-15-2

**Appearance** Medium to dark red to tan powder

Solubility Soluble in Water
Odor Typical of Quillaja

Water Content (Karl

Fisher)

2.39%

**pH** 4.0 (20% solution in Water)

Yeast and Mold < 100 cfu/g
Storage Store at RT

**Additional Information** Absorbance at 520 nm in 10% solution: 1.37

Total plate count: < 100 cfu/g It has a bittersweet flavor

**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**