

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

**Catalogue Number** 00806  
**Lot Number** PKG0125  
**Product** **D- $\alpha$ -Aminobutyric acid**

D-Abu-OH

D-2-Aminobutanoic acid

**CAS Number** 2623-91-8

**Molecular Formula** C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>

**Molecular Weight** 103.1

---

**Solubility** Colorless & Clear (c = 5 in water); T  $\geq$  98.0% (430nm, 10mm)

**Heavy Metals** < 15 ppm

**Periodic Table** Iron (Fe) = < 15 ppm

**Arsenic (As<sub>2</sub>O<sub>2</sub>)** < 1 ppm

**Anion** Chloride (Cl<sup>-</sup>) = < 0.01%, Sulfate (SO<sub>4</sub><sup>2-</sup>) = < 0.01%

**Cation** Ammonium salts (NH<sub>4</sub><sup>+</sup>) = < 0.02%

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = -20.8° (C=5 in 6N HCl)

**Loss on Drying** 0.10%

**Other Amino Acids** Not detected by TLC (the spotted amount 20 ug)

**Residue On Ignition** 0.01% (as sulfate)

**Assay** 99.9%

**Storage** Store at RT

# *Certificate of Analysis*

Catalog Number: 00806

Lot Number: PKG0125

---

**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**