

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 07027  
**Product** **Carbamoyl- $\beta$ -alanine**

Carbamoyl- $\beta$ -Ala-OH

3-Ureidopropionic acid

**CAS Number** 462-88-4

**Molecular Formula** C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** 132.1

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**Appearance** White powder

**Solubility** Clear, colorless solution (50mg/mL in 50% MeOH)

**Melting Point** 166-170° C

**Elemental Analysis (Theory)** C: 36.50  $\pm$  1%, H: 6.50  $\pm$  1%, N: 21.50  $\pm$  1%

**TLC System** ethylacetate/pyridine/acetic acid/water 60/20/6/11  
Chloroform/methanol/acetic acid 32% 5/3/1  
n-butanol/acetic acid/water 4/2/2  
Plate: silicagel 60 F<sub>254</sub>  
detected by: UV, ninhydrin, chlorine-tolidine

**Assay**  $\geq$  99.9%

**Purity by TLC**  $\geq$  98%

**Storage** Store at RT

**For Laboratory Use Only**