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Certificate of Analysis

Catalogue Number 07027
Lot Number 000127-1050298
Product **Carbamoyl- β -alanine**

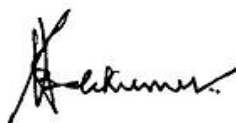
Carbamoyl- β -Ala-OH

3-Ureidopropionic acid

CAS Number 462-88-4
Molecular Formula C₄H₈N₂O₃
Molecular Weight 132.1

Appearance White powder
Solubility Clear, colorless solution (50 mg/mL in 50% MeOH)
Melting Point 168 °C
Elemental Analysis (Found) C: 36.21%, H: 6.31%, N: 21.25%
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 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine
Assay Elemental Analysis: 100.2% (Nth 21.20%, Nfd 21.25%)
Purity by TLC > 98%
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