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Certificate of Analysis

Catalogue Number 05915
Lot Number 000127-0121000
Product **S-Benzyl-L-cysteine 4-nitroanilide**

L-Cys(Bzl)-pNA

CAS Number 7436-62-6
Molecular Formula C₁₆H₁₇N₃O₃S

Molecular Weight 331.43

Appearance Yellowish powder
Solubility Clear and slight yellow solution (50 mg/mL in Methanol)
Elemental Analysis (Theory) C = 57.99%; H = 5.17%; N = 12.68%
Elemental Analysis (Found) C = 57.81%; H = 5.33%; N = 12.62%
Water Content (Karl Fisher) 0.3%
TLC System Chloroform/Methanol (9:1)
Chloroform/Methanol/Benzene/Water (8:8:8:1)
Chloroform/Methanol?Acetic acid (77.5:15:7.5)
Detected by: UV, Ninhydrin, Chlorine tolidine
Purity by TLC > 98%
Storage Store at 0-8 °C

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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