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Product Specifications

Catalogue Number 07090

Product **DL-Thyronine**

3-[p-(p-Hydroxyphenoxy)phenyl]-DL-alanine

CAS Number 1034-10-2

Molecular Formula C₁₅H₁₅NO₄

Molecular Weight 273.3

Solubility Clear and colorless solution (2.5% in 80% Acetic acid)

Elemental Analysis (Theory) C = 65.93%; H = 5.53%; N = 5.15%

Elemental Analysis (Found) C = 65.93 ± 0.5%; H = 5.53 ± 0.5%; N = 5.15 ± 0.5%

TLC System n-Butanol/Acetic acid/H₂O (4:2:2)
Ethyl acetate/Pyridine/Acetic acid/H₂O (5:5:1:3)
Detected by: UV, ninhydrin, chlorine-tolidine

Purity by TLC ≥ 98%

Storage Store at 0-8°C

For Laboratory Use Only