

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	07090
Product	DL-Thyronine
Lot Number	000127-1071426 3-[p-(p-Hydroxyphenoxy)phenyl]-DL-alanine
CAS Number	1034-10-2
Molecular Formula	C ₁₅ H ₁₅ NO ₄
Molecular Weight	273.3

Appearance	Off-white powder
Solubility	Clear, colorless solution (25 mg/ml in 80% acetic acid)
Elemental Analysis (Found)	C = 65.93%; H = 5.54%; N = 5.08%
TLC System	n-butanol/acetic acid/water (4/2/2) Ethyl acetate/pyridine/acetic acid/water (60/60/12/36) 2-butanol/ammonia 3% (100/44) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	> 98%
Storage	Store at 0-8°C

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager