

# *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*

<b>Catalogue Number</b>	21826
<b>Lot Number</b>	001696-20160906
<b>Product</b>	<b>L-Thyroxine</b>
	(S)-2-Amino-3-[4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl] propionic acid
<b>CAS Number</b>	51-48-9
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>11</sub> I <sub>4</sub> NO <sub>4</sub>

---

<b>Appearance</b>	Almost white or buff colored powder
<b>Odor</b>	Odorless
<b>Anion</b>	Iodide content: < 0.08%
<b>pH</b>	6
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 5.0 °
<b>Loss on Drying</b>	1.5%
<b>Related Substances</b>	Liothyronine: 0.2%
<b>Purity by HPLC</b>	99.3% (On anhydrous basis)
<b>Storage</b>	Store at 0-8°C
<b>Remarks</b>	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**