

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	38221
<b>Product</b>	<b>Raloxifene hydrochloride</b>
<b>Lot Number</b>	002197-211104 [6-Hydroxy-2-(4-hydroxyphenyl)benzo[b]thiophen-3-yl][4-[2-(1-Keoxifene hydrochloride
<b>CAS Number</b>	82640-04-8
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>27</sub> NO <sub>4</sub> S•HCl
<b>Molecular Weight</b>	510.05

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<b>Appearance</b>	Yellowish powder
<b>Solubility</b>	Soluble in 10% sodium hydroxide solution. Slightly soluble in methanol, insoluble in water
<b>Heavy Metals</b>	< 10 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.10%
<b>Residual Solvents</b>	Methanol : 865 ppm Acetone : Not detected Methylene chloride : Not detected N-Hexane : Not detected Benzene : Not detected Dimethyl formamide : Not detected
<b>Related Substances</b>	Raloxifene 3,7-Diketone at RRT=0.74 impurity : < 0.2% Other single impurity : 0.08% Total impurities : 0.25%
<b>Residue On Ignition</b>	< 0.1%
<b>Assay</b>	99.30%
<b>Grade</b>	USP
<b>Storage</b>	Store at 2 - 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**