





# Product Specification

cdhfinechemical.com

LUTETIUM (III) NITRATE 99.999%	
<b>PRODUCT CODE</b>	RE1865
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(100641-16-5)
<b>ATOMIC OR MOLECULAR FORMULA</b>	Lu(NO <sub>3</sub> ) <sub>3</sub> .XH <sub>2</sub> O
<b>ATOMIC OR MOLECULAR WEIGHT</b>	360.98
<b>PROPERTIES</b>	Hygroscopic.
<b>Lu(NO<sub>3</sub>)<sub>3</sub>.XH<sub>2</sub>O</b>	
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystals or crystalline powder or solid.
Solubility	Soluble in water. Slightly soluble in strong mineral acids.
Minimum assay(Trace Metal basis)	99.999%
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Total rare earth impurities	0.001%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements:</b> May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. <b>Response:</b> If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	IMDG Code : 5.1/II 4UN No. : 1477 IATA : 5.1
<b>Disposal:</b> The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.	
Hazard Pictogram(s) :-	
 GHS03	 GHS07

Replace Date 02-Dec.-2019