

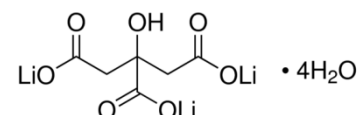


# Product Specification

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## TRI-LITHIUM CITRATE TETRAHYDRATE AR

<b>PRODUCT CODE</b>	<b>565475</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(6080-58-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Li<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>·4H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>281.99</b>



<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>

Description	A white crystalline powder.
Solubility	10% solution in water is clear & colourless.
Minimum assay (Non-aqueous, ex citrate )	98.5%

### MAXIMUM LIMIT OF IMPURITIES

Free acid (as citric acid)	0.15%
Free alkali (as LiOH)	0.06%
Ammonium (NH <sub>4</sub> )	0.0001%
Arsenic (As)	0.0005%
Chloride (Cl)	0.005%
Sulphate (SO <sub>4</sub> )	0.002%
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.002%
Oxalate (C <sub>2</sub> O <sub>4</sub> )	0.03%
Water	24-27%

**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**Hazard statements:** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** -----

**Disposal:**-----

**Hazard Pictogram(s) :**-----

IMDG Code : --

UN No. : --

IATA : --

Replace Date 02/07/2020