

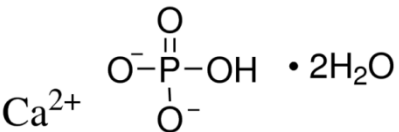


# Product Specification

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## di-CALCIUM PHOSPHATE DIHYDRATE

<b>PRODUCT CODE</b>	<b>042555</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7789-77-7)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CaHPO<sub>4</sub>·2H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>172.10</b>
<b>PROPERTIES</b>	---



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White powder.
Solubility	Soluble in dilute HCl.
Assay ( Complexometric )	98 - 102.5%

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying(at 800°C )	24.5 - 26.5%
Particle size (< 0.063 mm)	99.0%
Substance insoluble in HCl	0.2%
Carbonate (as CO <sub>3</sub> )	Passes test.
Chloride (Cl)	0.02%
Sulphate (SO <sub>4</sub> )	0.5%
Arsenic (As)	0.0001%
Barium (Ba)	Passes test.
Iron (Fe)	0.04%
Heavy metals (Pb)	0.003%

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

<b>WARNING</b>	IMDG Code :-
<b>Hazard statements:</b> Not hazardous. No hazards.	UN No. :-
<b>Precautionary statements</b>	IATA :-
<b>Prevention:</b> -----	
<b>Response:</b> -----	

**Disposal:**-----

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

Replace Date-16-Jun.2020