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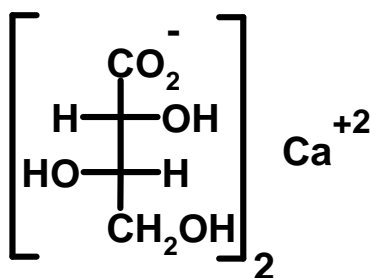
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## Product Specifications

### Calcium L-Threonate

CAS 70753-61-6

Structure:



Mol. Formula  
Source

$\text{C}_4\text{H}_8\text{O}_5$   
Synthetic

Mol. Wt.

310.28

<i>Test</i>	<i>Specification</i>
Appearance	White powder
Assay	$\geq 98.5\%$ (typically $> 99\%$ )
Sp. Rot., $[\alpha]_D$	$+12.0^\circ$ to $+14.3^\circ$ ( $c = 1.0, \text{H}_2\text{O}$ )
Water Insolubles	$\leq 0.1\%$
LOD	$< 1\%$
Heavy metals	$< 10$ ppm
As	$< 2.0$ ppm
pH	5.8-7.0
<b><u>Microbiological Specifications</u></b>	
Total plate count (CFU/g)	$< 100$
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative
Mold and Yeast (CFU/g)	$< 100$

*Storage:* Maintain in cool, dry containment.