

## Product Information

### Citrus peel pectin, Research grade

**Cat. No.:** X23-09-YW022

**Size:** 100 g; 500 g; 1 kg

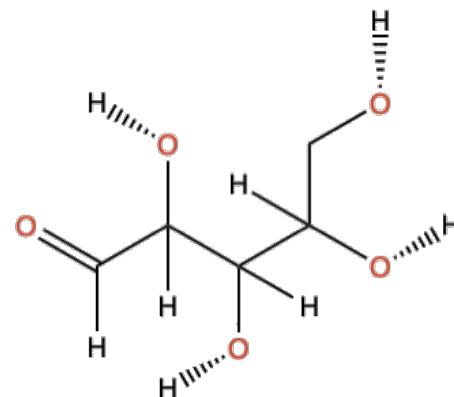
**MDL:** MFCD00081838

**CAS Number:** 9000-69-5

**PubChem CID:** 854

**NACRES:** NA.25

**Synonym:** DL-Arabinose; 2,3,4,5-Tetrahydroxypentanal; Poly-D-galacturonic acid methyl ester



**This product is for research use only and is not intended for diagnostic use.**

### Product Information

<b>Description</b>	Citrus peel pectin is a polysaccharide with a complicated structure and function which is high in galacturonic acid.
<b>IUPAC Name</b>	2,3,4,5-Tetrahydroxypentanal
<b>InChI</b>	InChI=1S/C5H10O5/c6-1-3(8)5(10)4(9)2-7/h1,3-5,7-10H,2H2
<b>InChI Key</b>	PYMYPHUHKUWMLA-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C(C(C(C(C=O)O)O)O)O
<b>Source</b>	Citrus peel
<b>Form</b>	Powder
<b>Purity</b>	Galacturonic acid (dried basis) ≥74.0 %.
<b>Applications</b>	Pectin can be made into nanoparticles that can be used as carriers for active molecules. Pectin is also an adsorbent, a broad-spectrum antimicrobial that binds bacterial toxins and other irritants in the intestinal mucous membranes, soothing irritated mucous membranes.
<b>Storage</b>	Store at room temperature.