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## Low Methoxyl Pectin Specification

Low methoxyl pectin that contains less than 50% of the carboxylic acid units esterified and forms gels only with polyvalent ions (Ca<sup>++</sup>, Mg<sup>++</sup>). Low methoxyl pectin permits to produce brittle thermally irreversible gels.


Low methoxyl pectins are typically standardized according to the gel strength, setting temperature and calcium reactivity.

<b>E No.</b>	E440
<b>CAS No.</b>	900-69-5
<b>Einecs No.</b>	232-553-0
<b>HS code</b>	1302200000
<b>Specification</b>	High methoxyl and Low methoxyl Pectin
<b>Packaging</b>	25kg
<b>Place of origin</b>	China
<b>Certificate</b>	Haccp, Kosher, Hala,ISO
<b>Payment terms:</b>	T/T or L/C
<b>Port of dispatch</b>	Shanghai, Tianjin, Qindao
<b>Applications</b>	Commonly used pectins are of two different types mainly high methoxyl pectins (HM-pectins) having degree of esterification (D.E.) more than 50 % and low methoxyl pectin (LM-pectins) having degree of esterification less than 50 %. High methoxyl pectins are further classified as ultra rapid set, rapid set, medium rapid set and slow set. Low methoxyl pectins are also specified as conventional and amided type. The degree of amidation (D.A.)

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	indicates the presence of carboxyl groups in the amide form.
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Low methoxyl pectin	
Item	Specification
Degree of esterification	<50%
Galacturonic acid	>65 %
pH of 1% solution	2.8-3.3
Loss on drying, %	<=12
Texture	free-flowing powder
Particle size	less than 0.250 mm test sieve
Colour, Flavor	A creamy-white to light brown, of neutral odor and flavor
Ash content	< 5%
Acid-insoluble ash	1%
SO <sub>2</sub>	<50mg/kg
Free methyl, ethyl and isopropyl alcohol	1%
<b>Heavy metal</b>	
Arsenic content (ppm)	≤3.0 ppm
Lead content(ppm)	≤5 ppm
<b>Microbiology</b>	
Total Plate Count (cfu/g)	≤1000
Yeast & Moulds(cfu/g)	≤100
E. coli	Absent

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Salmonella	Absent
Coliforms	Absent
Staphylococcus aureus	Absent

We're Food grade Low methoxyl pectin **Manufacturers, Suppliers and Wholesalers** in China. Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

**Contact Us**

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