



Specification

Pectin USP

Catalog Number: PE1006
CAS Number: 9000-69-5
Storage: 15°C – 30°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	Free flowing, pale brown powder
Identification (A,B,C,D)*	To meet requirements
Galacturonic Acid*	≥ 74%
Degree of Esterification*	≥ 65%
Methoxy Groups*	≥ 6.7%
pH (2%)	2.8 – 3.8
Moisture (LOD)*	≤ 10%
AIA	≤ 1%
Nitrogen Content	≤ 1%
Sulfur Dioxide*	≤ 50mg/kg
Organic Impurities*	≤ 20mg
Free Methyl, Ethyl & Isopropyl Alcohol*	≤ 1%
Heavy Metals	≤ 20mg/kg
Arsenic*	≤ 3mg/kg
Lead*	≤ 5mg/kg
Total Plate Count*	≤ 1,000cfu/g
Yeast & Mold	≤ 100cfu/g
<i>E. coli</i>	Absent in 1g
<i>Salmonella</i>	Absent in 25g
<i>S. aureus</i>	Absent in 1g

* Meets the specifications for USP40.

Approved:

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