



Shaanxi Top Pharm Chemical Co., Ltd

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Certificate of Analysis

Product Name:	Pectin HM-SS	Source:	Citrus Peel
Batch Number:	2015013101	Batch Quantity:	500Kg
Manufacture Date:	2015.1.31	Packing:	25Kg/Drum
Shelf Life:	24 months	Storage	Cool and dry place

ANALYSIS	SPECIFICATION	TEST RESULTS
Appearance	White to light brown	Complies
Particle size	>80mesh	Complies
Galacturonic Acid	>65%	80%
US-SAG	150° ±5°	145°
Esterification Degree	60 ±5° %	57%
Loss on Drying	<12.0%	10.0%
Ash	<5.0%	3.0%
pH(1%water solution)	2.8-3.8	2.9
SO ₂	<10 mg/kg	Complies
Acid-Insoluble Ash	<1%	Complies
Nitrogen content	<1%	Complies
Free methyl ethyl, and isopropyl alcohol	<1%	Complies
Lead	<5mg/kg	Complies
Arsenic	<3mg/kg	Complies
Cadmium	<1mg/kg	Complies
Mercury	<1mg/kg	Complies
Total plate count	<1000/g	Complies
Yeast and mould	<100/g	Complies
Coliforms	Absent in 1g	Complies
E.coli	Absent in 1g	Complies
Staphylococcus aureus	Absent in 1g	Complies
Salmonella	Absent in 1g	Complies
This product complies with all criteria laid down by GB25533-2010.		

QC Manager: zhengxin

Supervisor: Zhaohanwen

Analyst: Jia Ting

