



Certificate of Analysis

Pectin USP

Catalog Number: PE1006
Lot Number: 0412804
CAS Number: 9000-69-5
Storage: 15°C – 30°C
Date of Manufacture: February 10, 2018
Retest Date: February 9, 2020

Test	Specification	Result
Appearance	Free flowing, pale brown powder	Conforms
Identification (A,B,C,D)*	To meet requirements	Will conform ¹
Galacturonic Acid*	≥ 74%	Will conform ¹
Degree of Esterification*	≥ 65%	69.2%
Methoxy Groups*	≥ 6.7%	Will conform ¹
pH (2%)	2.8 – 3.8	3.3
Moisture (LOD)*	≤ 10%	Will conform ¹
AIA	≤ 1%	Will conform ¹
Nitrogen Content	≤ 1%	Will conform ¹
Sulfur Dioxide*	≤ 50mg/kg	Will conform ¹
Organic Impurities*	≤ 20mg	Will conform ¹
Free Methyl, Ethyl & Isopropyl Alcohol*	≤ 1%	Will conform ¹
Heavy Metals	≤ 20mg/kg	Will conform ¹
Arsenic*	≤ 3mg/kg	Will conform ¹
Lead*	≤ 5mg/kg	Will conform ¹
Total Plate Count*	≤ 1,000cfu/g	Will conform ¹
Yeast & Mold	≤ 100cfu/g	Will conform ¹
<i>E. coli</i>	Absent in 1g	Will conform ¹
<i>Salmonella</i>	Absent in 25g	Will conform ¹
<i>S. aureus</i>	Absent in 1g	Will conform ¹

* Meets the specifications for USP40.
¹ These values were not determined since the product is a sample. The values will be reported for the bulk

Approved by:

Date: April 13, 2018

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