

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-12 09:16:42

Date of Next Testing: 2025-07-01 09:16:42

Product Name: **Polygalacturonic acid**

CAS Number: 25990-10-7

Specifications & Purity: $\geq 85\%$ (T), M.W. 25,000-50,000, from oranges

Lot #: L1909154

SKU #: **P111886**

Version: **0**

Analysis #: **250319**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Molecular Weight	25000-50000	26000.00000
Purity (Titration by NaOH)(anhydrous)	85-102.5 (%)	100.69000 %
Loss on drying	0-10 (%)	5.23110 %
Appearance (P111886)	White to Yellow and Faint Orange to Orange and Faint Beige to Beige and Faint Brown to Brown Powder	White to Yellow and Faint Orange to Orange and Faint Beige to Beige and Faint Brown to Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager