

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-08 19:08:47

Date of Next Testing: 2024-11-27 19:08:47

Product Name: **Polygalacturonic acid**

CAS Number: 25990-10-7

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

Lot #: L2205292

SKU #: **P111886**

Version: **0**

Analysis #: **155444**

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

Parameter	Limit Values	Result
Purity (Titration by NaOH)(anhydrous)	85-102.5 (%)	89.10000 %
Loss on drying	0-10 (%)	5.92000 %
Molecular Weight	25000-50000	35000.00000
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su
QA & QC Manager