

Certificate of Analysis

Date of Testing: 2022-07-28 23:08:52

Date of Next Testing: 2025-07-27 23:08:52

Product Name: **Papain**

CAS Number: 9001-73-4

Specifications & Purity: ≥ 2000 units/mg , with casein as substrate

Lot #: G2227453

SKU #: **P164463**

Analysis: **109848**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ash	0-5 (%)	1.46 %
(As)Arsenic	0-5 (ppm)	0.18 ppm
Total number of bacteria	0-10000 (cfu/g)	463.00 cfu/g
Water by Karl Fischer	0-7 (%)	5.17 %
E. Coli	0-30 (cfu/g)	15.50 cfu/g
Enzymatic Activity	≥ 2000 (units/mg)	2011.80 units/mg
Lead(Pb)	0-5 (ppm)	0.39 ppm
Appearance (P164463)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks



John Su
QA & QC Manager