

## Certificate of Analysis

Date of Testing: 2024-01-10 13:13:29  
Date of Next Testing: 2027-01-09 13:13:29  
Product Name: **Tannic acid**  
CAS Number: 1401-55-4  
Specifications & Purity: Moligand™, Source: Natural Chinese gallnut  
Lot #: A2408677  
SKU #: **T432043**  
Version: **1**  
Analysis #: **302353**

Parameter	Limit Values	Result
Water by Karl Fischer	<12 (%)	7.13 %
Heavy metals	< 0.004 (%)	0.00 %
Arsenic(As)	< 3 (ppm)	0.00000 ppm
Carbon by Elemental Analysis	48-50 (%)	48.65 %
Residue on ignition(Ash)	< 1 (%)	0.11000 %
Appearance(T432043)	Yellow and Light Beige to Beige and Light Brown Powder	Yellow and Light Beige to Beige and Light Brown Powder
Solubility (Color) 100 mg/mL, EtOH , Yellow to Very Dark Yellow to Very Dark Orange	pass	Pass
Gum or Dextrine USP test	Pass	Pass



John Su  
QA & QC Manager