

CERTIFICATE OF ANALYSIS

SAMPLE NAME : SOSHIN10
 SAMPLE DESCRIPTION : POWDER
 RECEIVED DATE : 28/04/2022
 REPORT DATE : 18/05/2022

Parameter	Test Method	Result(s)
Porcine DNA	<p align="center">**In-House Method HV/TM/MBLAB/009 Based on DNA Extraction Using In- House CTAB Method & HV/TM/MBLAB/006 Based on Porcine DNA Real-Time PCR Halkit II</p>	ND (<0.001%)
Animal DNA	<p align="center">**In-House Method HV/TM/MBLAB/009 Based on DNA Extraction Using In- House CTAB Method & HV/TM/MBLAB/005 DNA Real -Time PCR Halkit Screening of Plant and/or Vertebrate Origin</p>	ND (<0.05%)
Porcine Protein	<p align="center">**In-House Method HV/TM/BCLAB/007 Based on ELISA Porcine Gelatin Detection Halkit – Qualitative</p>	ND (<0.5%)
Ethanol	<p align="center">**In-House Method HV/TM/BCLAB/026 Based on Shimadzu Application News No. AD-0107: Ensuring Halal Food Integrity by Detection of Ethanol in Beverages and Oral Rinses using Gas Chromatography (GC)</p>	ND (<0.1%)
Total Plate Count	<p align="center">**HV/TM/MCLAB/001 FDA's Bacteriological Analytical Manual (BAM) Method Chapter 3: 2001 Aerobic Plate Count (Spread Plate Technique)</p>	<100 CFU/g
Total Coliform Count	<p align="center">**HV/TM/MCLAB/002 FDA's Bacteriological Analytical Manual (BAM) Method Chapter 4: 2020 Enumeration of Esterichia Coli and the Coliform Bacteria (Pour Plate Technique)</p>	<10 CFU/g

Total Mold & Yeast Count	**HV/TM/MCLAB/003 FDA's Bacteriological Analytical Manual (BAM) Method Chapter 18: 2001 Yeasts, Molds and Mycotoxins (Spread Plate Technique)	<100 CFU/g
Escherichia coli	*HV/TM/MCLAB/005 Detection of Specific Microorganisms through PCR Analysis	ND
Salmonella	*HV/TM/MCLAB/005 Detection of Specific Microorganisms through PCR Analysis	ND
Staphylococcus aureus	*HV/TM/MCLAB/005 Detection of Specific Microorganisms through PCR Analysis	ND
Arsenic	**In-house method CCF-05, based on AOAC 986.15 and APHA 3120	ND (<0.01 mg/kg)
Cadmium	**In-house method CCF-03, based on AOAC 999.11 and APHA 3120	ND (<0.1 mg/kg)
Lead	**In-house method CCF-03, based on AOAC 999.11 and APHA 3120	ND (<0.1 mg/kg)
Mercury	**In-house method CCF-04, based on AOAC 971.21 and APHA	ND (<0.01 mg/kg)
Antimony	**In-house method CCF-03, based on AOAC 999.11 and APHA 3120	ND (<0.1 mg/kg)

NOTE:

- i. D: Detected; ND: Not Detected; NG: No Growth; (< Numeric number) = Detection limit
- ii. **This test was done at outsource facilities and under SAMM accreditation (Ref: 2022/J0120/S001/C0286).
- iii. Any tests marked with * are not accredited for specific matrices or analytes.



NATALIE LOW

Quality Assurance Specialist