



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-1226

Product Name	Sulforaphane Extract (10%)	Batch No.	NCB-SUL-2025-1223
Botanical Source	Brassica oleracea (Broccoli)	GMO Status	Non-GMO
Manufacture Date	Dec. 23, 2025	Expiry Date	Dec. 22, 2027
Inspection Date	Dec. 26, 2025	Report Date	Dec. 26, 2025

Test Items	Specification	Results
1. Active Ingredient		
★ Sulforaphane (HPLC)	10%	10% — Conforms
2. Physical Description		
Appearance	Brownish yellow powder	Conforms
Odor	Characteristic	Conforms
Mesh Size	95% pass 80 mesh	99%
Bulk Density	40–45 g/100ml	44 g/100ml
3. Chemical Analysis		
Loss on Drying	Max 5.0%	2.86%
Sulphated Ash	Max 5.0%	2.83%
Solvent Residue	Max 2000 ppm (Methanol)	Conforms
Pesticide Residue	Max 2 ppm	Conforms
4. Heavy Metals Control		
Total Heavy Metals	Max 20 ppm	Conforms
Lead / Pb	Max 2.0 ppm	Conforms
Arsenic / As	Max 1.0 ppm	Conforms
Mercury / Hg	Max 0.1 ppm	Conforms
Chromium / Cr	Max 2.0 ppm	Conforms
5. Microbiological Analysis		
Total Plate Count	Max 1,000 CFU/g	210 CFU/g
Yeast & Mold	Max 100 CFU/g	26 CFU/g
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion	The product conforms to specification and is qualified for release.	
Storage	Store in cool & dry place, away from strong light and heat. Shelf life: 2 years when properly stored.	

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-0520

Product Name	Reishi Extract (Polysaccharides 30%)	Batch No.	NCB-REI-2025-0513
Botanical Source	Ganoderma lucidum	Plant Part Used	Fruit Body
Manufacture Date	May. 13, 2025	Expiry Date	May. 12, 2028
Inspection Date	May. 20, 2025	Report Date	May. 20, 2025
GMO Status	Non-GMO	Allergen Status	Allergen Free / BSE-TSE Free

Test Items	Specification	Test Result	Test Method
1. Active Ingredient			
★ Assay (Polysaccharides)	≥30.0%	30.21%	UV
2. Physical & Chemical			
Appearance	Brown Yellow Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤5.0%	4.74%	USP<731>
Ash	≤5.0%	0.79%	USP<281>
Extraction Solvent	Water	Complies	—
Pesticide Residues	Meet USP Standard	Complies	USP<561>
3. Heavy Metals Control			
Arsenic / As	≤2.0 ppm	<2.0 ppm	ICP-MS
Lead / Pb	≤2.0 ppm	<2.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.5 ppm	<0.5 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤10,000 CFU/g	Complies	USP<61>
Yeast & Mold	≤100 CFU/g	Complies	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>
Staphylococcus Aureus	Negative	Negative	USP<62>
Conclusion	Conforms with specification. Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat. Shelf life: 36 months in original package.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-0521

Product Name	Lion's Mane Extract (30% Polysaccharides)	Batch No.	NCB-LME-2025-0514
Botanical Source	Hericium erinaceus	Plant Part Used	Fruit Body
Manufacture Date	May. 14, 2025	Expiry Date	May. 13, 2028
Inspection Date	May. 21, 2025	Report Date	May. 21, 2025
GMO Status	Non-GMO	Allergen Status	Allergen Free

Test Items	Specification	Test Result	Test Method
1. Active Ingredient			
★ Assay (Polysaccharides)	≥30.0%	30.22%	UV
2. Physical & Chemical			
Appearance	Brown Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤5.0%	4.71%	USP<731>
Ash	≤5.0%	1.13%	USP<281>
Extraction Solvent	Water	Complies	—
Pesticide Residues	Meet USP Standard	Complies	USP<561>
3. Heavy Metals Control			
Arsenic / As	≤2.0 ppm	<2.0 ppm	ICP-MS
Lead / Pb	≤2.0 ppm	<2.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.5 ppm	<0.5 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤10,000 CFU/g	Complies	USP<61>
Yeast & Mold	≤100 CFU/g	Complies	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>
Staphylococcus Aureus	Negative	Negative	USP<62>
Conclusion	Conforms with specification. Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat. Shelf life: 36 months in original package.		

Inspected by:

林娟

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Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-0613

Product Name	Shilajit Extract (Fulvic Acid 60%)	Batch No.	NCB-SHJ-2025-0606
Material Source	Natural Shilajit (Mineral Pitch)	Plant Part	Shilajit
Manufacture Date	Jun. 06, 2025	Expiry Date	Jun. 05, 2027
Inspection Date	Jun. 13, 2025	Report Date	Jun. 13, 2025

Test Items	Specification	Results	Test Method
1. Active Ingredient			
★ Fulvic Acid	≥60%	61.17%	Titration
2. Physical Description			
Appearance	Brown fine powder	Complies	Visual
Odor	Characteristic	Conforms	Organoleptic
Particle Size	100% pass 80 mesh	Complies	CP2020
Solubility	Soluble in water	Complies	CP2020
3. Chemical Analysis			
Moisture	≤5%	4.02%	CP2020
Ash	≤30%	26.44%	CP2020
4. Heavy Metals Control			
Total Heavy Metals	≤20 ppm	Complies	CP2020
Lead / Pb	≤5 ppm	1.52 ppm	CP2020
Arsenic / As	≤10 ppm	3.1 ppm	CP2020
Cadmium / Cd	≤0.5 ppm	0.042 ppm	CP2020
Mercury / Hg	≤0.5 ppm	0.043 ppm	CP2020
5. Microbiological Analysis			
Total Plate Count	≤50,000 CFU/g	Conforms	GB 4789.2-2016
Fungi / Mold	≤1,000 CFU/g	Conforms	GB 4789.15-2016
Yeast (Saccharomycetes)	Negative / 25g	Conforms	GB 4789.15-2016
Coliforms	<10 CFU/g	Conforms	GB 4789.3-2016
Salmonella	Negative / 25g	Negative	GB 4789.4-2016
Staphylococcus Aureus	Negative / 25g	Negative	GB 4789.10-2016
Conclusion	The product conforms to specification and is qualified for release.		
Storage	Store in cool & dry place. Do not freeze. Keep away from strong light and heat. Shelf life: 2 years when properly stored.		

Inspected by:

林娟

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Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-0627

Product Name	Noni Juice Powder (Spray-dried)	Batch No.	NCB-NON-2025-0620
Botanical Source	Morinda citrifolia L.	Plant Part Used	Whole Berry
Manufacture Date	Jun. 20, 2025	Expiry Date	Jun. 19, 2027
Inspection Date	Jun. 27, 2025	Report Date	Jun. 27, 2025
GMO Status	Non-GMO	Allergen Status	Allergen Free / BSE·TSE Free

Test Items	Specification	Test Result	Test Method
1. Product Specification			
★ Processing Technology	Spray-drying (SD)	Spray-dried	—
Pesticide Residues	Meet USP Standard	Not Detected	USP<561>
2. Physical & Chemical			
Appearance	Yellow or Brown Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤7.0%	3.12%	USP<731>
Ash	≤5.0%	3.23%	USP<281>
3. Heavy Metals Control			
Arsenic / As	≤2.0 ppm	<2.0 ppm	ICP-MS
Lead / Pb	≤2.0 ppm	<2.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.1 ppm	<0.1 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤5,000 CFU/g	Complies	USP<61>
Yeast & Mold	≤200 CFU/g	Complies	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>
Staphylococcus Aureus	Negative	Negative	USP<62>
Conclusion	Conforms with specification. Non-Irradiation, Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat. Shelf life: 24 months in original package.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-0915

Product Name	Black Truffle Extract (10:1)	Batch No.	NCB-BLT-2025-0910
Botanical Source	Tuber melanosporum	Plant Part Used	Fruiting Body
Manufacture Date	Sep. 10, 2025	Expiry Date	Sep. 09, 2027
Inspection Date	Sep. 15, 2025	Report Date	Sep. 15, 2025
GMO Status	Non-GMO	Allergen Status	Allergen Free / BSE·TSE Free

Test Items	Specification	Test Result	Test Method
1. Active Ingredient			
★ Extraction Ratio	10:1	10:1	—
2. Physical & Chemical			
Appearance	Brown Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤7.0%	4.68%	USP<731>
Ash	≤5.0%	3.34%	USP<281>
3. Heavy Metals Control			
Arsenic / As	≤2.0 ppm	<2.0 ppm	ICP-MS
Lead / Pb	≤2.0 ppm	<2.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.1 ppm	<0.1 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤5,000 CFU/g	Complies	USP<61>
Yeast & Mold	≤500 CFU/g	Complies	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>
Staphylococcus Aureus	Negative	Negative	USP<62>
Conclusion	Conforms with specification. Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat. Shelf life: 24 months in original package.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-1123

Product Name	Bacopa Monnieri Extract (10:1)	Batch No.	NCB-BAC-2025-1116
Botanical Source	Bacopa monnieri (L.) Wettst.	Plant Part Used	Whole Herb
Manufacture Date	Nov. 16, 2025	Expiry Date	Nov. 15, 2027
Inspection Date	Nov. 23, 2025	Report Date	Nov. 23, 2025
GMO Status	Non-GMO	Allergen Status	Allergen Free / BSE·TSE Free

Test Items	Specification	Test Result	Test Method
1. Active Ingredient			
★ Extraction Ratio	10:1	10:1	—
2. Physical & Chemical			
Appearance	Brown Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤7.0%	4.38%	USP<731>
Ash	≤5.0%	3.14%	USP<281>
3. Heavy Metals Control			
Arsenic / As	≤2.0 ppm	<2.0 ppm	ICP-MS
Lead / Pb	≤2.0 ppm	<2.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.1 ppm	<0.1 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤5,000 CFU/g	Complies	USP<61>
Yeast & Mold	≤500 CFU/g	Complies	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>
Staphylococcus Aureus	Negative	Negative	USP<62>
Conclusion	Conforms with specification. Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat. Shelf life: 24 months in original package.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



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CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2026-0117

Product Name	Saw Palmetto Extract (Fatty Acid 45%)	Batch No.	NCB-SAW-2026-0110
Botanical Source	Serenoa repens	Plant Part Used	Fruit
Manufacture Date	Jan. 10, 2026	Expiry Date	Jan. 09, 2028
Inspection Date	Jan. 17, 2026	Report Date	Jan. 17, 2026
GMO Status	Non-GMO	Allergen Status	Allergen Free / BSE·TSE Free

Test Items	Specification	Test Result	Test Method
1. Active Ingredient			
★ Total Fatty Acid (GC)	≥45.0%	49.82%	GC
2. Physical & Chemical			
Appearance	White Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle Size	98% pass 60 mesh	Complies	USP<786>
Extract Solvents	Ethanol & Water	Complies	—
Loss on Drying	≤5.0%	3.55%	USP<731>
Ash	≤3.0%	2.18%	USP<281>
3. Heavy Metals Control			
Lead / Pb	≤1.0 ppm	<1.0 ppm	ICP-MS
Arsenic / As	≤1.0 ppm	<1.0 ppm	ICP-MS
Cadmium / Cd	≤1.0 ppm	<1.0 ppm	ICP-MS
Mercury / Hg	≤0.1 ppm	<0.1 ppm	ICP-MS
4. Microbiological Analysis			
Total Plate Count	≤1,000 CFU/g	Complies	AOAC
Mold & Yeast	≤100 CFU/g	Complies	AOAC
E. Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Conclusion	Conforms with specification. Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Store in cool and dry places. Keep away from strong light and heat. Shelf life: 24 months in original package.		

Inspected by:

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Lin Juan | QC Dept.

Approved by:

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Min Chao | QA Dept.



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CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-1216

Product Name	Chlorella pyrenoidosa Powder	Batch No.	NCB-CHL-2025-1216
Specification	Food Grade, >100 Mesh	Manufacture Date	Dec. 16, 2025
Shelf Life	24 Months	Expiry Date	Dec. 15, 2027
Inspection Date	Dec. 19, 2025	Report Date	Dec. 19, 2025

Test Items	Specification	Results	Test Method
1. Physical Description			
Appearance	Green Powder	Conforms	Visual
Mesh Size	>100 Mesh	Conforms	Sieve Test
Bulk Density	0.6 g/ml	0.6 g/ml	USP616
2. Chemical Analysis			
★ Protein	≥50.0%	55.8%	GB 5009.5
★ Chlorophyll	≥1.0%	1.74%	Spectrophotometry
Moisture	≤7.0%	5.8%	GB 5009.3
Ash	≤8.0%	6.57%	GB 5009.4
3. Heavy Metals Control			
Total Heavy Metals	<10 mg/kg	<10 mg/kg	CP2015
Arsenic / As (Inorganic)	<1.5 mg/kg	0.26 mg/kg	GB 5009.11
Lead / Pb	<1.0 mg/kg	0.38 mg/kg	GB 5009.12
Cadmium / Cd	<0.2 mg/kg	<0.001 mg/kg	GB 5009.15
Mercury / Hg	<0.2 mg/kg	0.0021 mg/kg	GB 5009.17
4. Microbiological Analysis			
Total Plate Count	<30,000 CFU/g	<2,000 CFU/g	GB 4789.2
Coliform	Not Detected	Not Detected	GB 4789.3
Pathogenic Bacteria	Not Detected	Not Detected	GB 4789
Mold & Yeast	Not Detected	Not Detected	GB 4789.15
Conclusion	The product conforms to specification and is qualified for release.		
Storage	Store in tightly sealed containers in cool, dry and ventilated area, away from light and moisture.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



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CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2025-1001

Table with 4 columns: Product Name, Botanical Source, Manufacture Date, Shelf Life, Extract (Icariin), Part Used, Expiry Date, Report Date. Values include Epimedium 98%, Epimedium Maxim., Oct. 2025, 24 Months, Extract (Icariin), Aerial Parts, Oct. 2027, Oct. 01, 2025.

Main analysis table with 4 columns: Item, Specification, Result, Test Method. Sections include Physical Description (Appearance, Odor, Taste, Bulk Density, Particle Size), Chemical Tests (Icariin, Moisture, Ash, Total Heavy Metals), Microbiology Control (Aerobic Bacterial Count, Yeast, Mold, Escherichia Coli, Salmonella, Staphylococcus Aureus), Conclusion, and Storage.

Inspected by: [Signature] (Quality Control Dept.)

Approved by: [Signature] (Quality Assurance Dept.)



Issue Date: Oct. 01, 2025

This Certificate of Analysis is issued by NuCoreBio (Hainan Newco Biopharmaceutical Technology Co., Ltd.) based on quality inspection of the received goods. All test data are true and accurate.



NuCoreBio

Hainan Newco Biopharmaceutical Technology Co., Ltd.

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CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2026-0118

Table with 5 columns: Product Name, Botanical Source, Manufacture Date, Shelf Life, Extract (Icariin), Part Used, Expiry Date, Report Date. Values include Epimedium 20%, Epimedium Maxim., brevicornum, Aerial Parts, Jan. 15, 2026, 24 Months, Jan. 14, 2028, Jan. 18, 2026.

Main analysis table with 4 columns: Item, Specification, Result, Test Method. Sections include Physical Description (Appearance, Odor, Taste, Bulk Density, Particle Size), Chemical Tests (Icariin, Moisture, Ash, Total Heavy Metals), Microbiology Control (Aerobic Bacterial Count, Yeast, Mold, Escherichia Coll, Salmonella, Staphylococcus Aureus), Conclusion, and Storage.

Inspected by:

Handwritten signature of inspector

(Quality Control Dept.)

Approved by:

Handwritten signature of approver

(Quality Assurance Dept.)

Issue Date:

Jan. 18, 2026



This Certificate of Analysis is issued by NuCoreBio (Hainan Newco Biopharmaceutical Technology Co., Ltd.) based on quality inspection of the received goods. All test data are true and accurate.



NuCoreBio

Hainan Newco Biopharmaceutical Technology Co., Ltd.

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CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2026-0208

Table with 4 columns: Product Name, Botanical Source, Manufacture Date, Shelf Life, Extract (Icariin), Part Used, Expiry Date, Report Date. Values include Epimedium 10%, Epimedium Maxim., Feb. 05, 2026, 24 Months, brevicornum, Aerial Parts, Feb. 04, 2028, Feb. 08, 2026.

Main analysis table with 4 columns: Item, Specification, Result, Test Method. Sections include Physical Description (Appearance, Odor, Taste, Bulk Density, Particle Size), Chemical Tests (Icariin, Moisture, Ash, Total Heavy Metals), Microbiology Control (Aerobic Bacterial Count, Yeast, Mold, Escherichia Coll, Salmonella, Staphylococcus Aureus), Conclusion, and Storage.

Inspected by: [Signature] (Quality Control Dept.)

Approved by: [Signature] (Quality Assurance Dept.)



Issue Date: Feb. 08, 2026

This Certificate of Analysis is issued by NuCoreBio (Hainan Newco Biopharmaceutical Technology Co., Ltd.) based on quality inspection of the received goods. All test data are true and accurate.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2026-0305

Product Name	Spirulina platensis Powder	Batch No.	NCB-SP-2026-0228
Specification	Food Grade, ≥80 Mesh	Manufacture Date	Feb. 28, 2026
Shelf Life	24 Months	Expiry Date	Feb. 27, 2028
Inspection Date	Mar. 05, 2026	Report Date	Mar. 05, 2026

Test Items	Specification	Results	Test Method
1. Physical Description			
Appearance	Even powder, without impurities	Conforms	Visual
Color	Dark Blue-green	Conforms	Visual
Odor	Fresh sea-algae, without unpleasant smell	Conforms	Organoleptic
Mesh Size	≥80 Mesh	Conforms	Sieve Test
Bulk Density	0.5–0.7 g/ml	0.56 g/ml	USP616
2. Chemical Analysis			
★ Protein	≥55.0%	63.92%	GB/T 5009.5
★ Phycocyanin	≥50 g/kg	117 g/kg	Spectrophotometry
★ Beta Carotene	≥20 mg/100g	68 mg/100g	HPLC
★ Carotenoid	≥200 mg/100g	210 mg/100g	Spectrophotometry
★ Chlorophyll	≥1.0%	1.05%	Spectrophotometry
Moisture	≤8.0%	6.65%	GB/T 5009.3
Ash	≤8.0%	6.76%	GB/T 5009.4
3. Heavy Metals Control			
Total Heavy Metals	<20 mg/kg	<20 mg/kg	CP2015
Arsenic / As	≤0.5 mg/kg	0.36 mg/kg	GB 5009.11
Lead / Pb	≤2.0 mg/kg	0.75 mg/kg	GB 5009.12
Cadmium / Cd	<0.2 mg/kg	0.11 mg/kg	GB 5009.15
Mercury / Hg	<0.05 mg/kg	0.02 mg/kg	GB 5009.17
4. Microbiological Analysis			
Total Plate Count	≤1×10 ⁴ CFU/g	2,000 CFU/g	GB 4789.2
Coliform	≤90 MPN/100g	30 MPN/100g	GB 4789.3
E. coli	Not Detected	Not Detected	GB 4789.38
Pathogenic Bacteria	Not Detected	Not Detected	GB 4789
Mold & Yeast	Not Detected	Not Detected	GB 4789.15
Clostridium	Not Detected	Not Detected	GB 4789
Conclusion	The product conforms to GB/T16919-2022 and is qualified for release.		
Storage	Store in tightly sealed containers in cool, dry and ventilated area, away from light and moisture.		

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

闵超



Min Chao | QA Dept.



CERTIFICATE OF ANALYSIS

Report No.: NCB-COA-2026-0125

Product Name	Phycocyanin Powder (E18)	Batch No.	NCB-PHY-2026-0118
Algae Source	Arthrospira platensis	Specification	Food Grade, 80 Mesh
Manufacture Date	Jan. 18, 2026	Expiry Date	Jan. 17, 2028
Inspection Date	Jan. 25, 2026	Report Date	Jan. 25, 2026

Test Items	Specification	Results
1. Physical Description & Identity		
Algae Variety Identification	Arthrospira platensis	Complies
Appearance	Fine Blue Powder	Complies
Taste & Odor	Characteristic	Complies
Solubility	Water Soluble	Complies
Mesh Size	80 Mesh	Conforms
2. Chemical Analysis		
★ Colour Value (E18)	Min 18.0	18.67
Moisture	Max 6.0%	4.5%
Pesticide Residue	Not Detected	Not Detected
3. Heavy Metals Control		
Lead / Pb	Max 1.0 ppm	0.13 ppm
Arsenic / As	Max 1.0 ppm	0.06 ppm
Cadmium / Cd	Max 0.2 ppm	0.02 ppm
Mercury / Hg	Max 0.1 ppm	0.01 ppm
4. Microbiological Analysis		
Total Plate Count	$\leq 1 \times 10^4$ CFU/g	520 CFU/g
Yeast & Mold	≤ 100 CFU/g	<30 CFU/g
Coliform	≤ 10 CFU/g	<10 CFU/g
E. Coli	Negative / 10g	Negative
Staphylococcus Aureus	Negative / 10g	Negative
Salmonella	Negative / 10g	Negative
Conclusion	The product conforms to specification and is qualified for release.	
Storage	Store in tightly sealed containers in cool, dry and ventilated area, away from light and moisture.	

Inspected by:

林娟

Lin Juan | QC Dept.

Approved by:

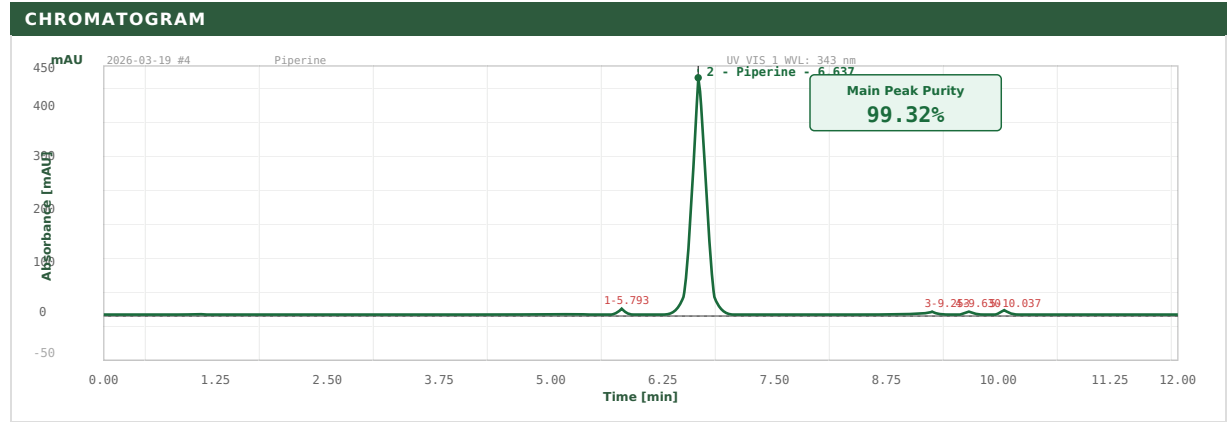
闵超



Min Chao | QA Dept.

SAMPLE INFORMATION	
Sample Name	Black Pepper Extract (Piperine 95%)
Run Time	12.00 min
Vial No.	RB5
Injection Volume	5.00 µL
Instrument Method	Piperine
Wavelength	343.0 nm
Acquisition Date	2026-03-19
Channel	UV_VIS_1 WVL: 343 nm

Instrument: HPLC | Sequence: 2026-03-19 #4 | Processing Method: Default DAD / Integration | Software: Chromeleon v7.2.5.9507 (Dionex)



INTEGRATION RESULTS							
No.	Peak Name	Ret. Time (min)	Peak Area (mAU·min)	Peak Height (mAU)	Rel. Area (%)	Rel. Height (%)	Amount
1	N.A.	5.793	0.140	0.869	0.20	0.22	n.a.
2	Piperine	6.637	68.545	396.375	99.32	99.47	n.a.
3	N.A.	9.253	0.073	0.325	0.11	0.08	n.a.
4	N.A.	9.630	0.034	0.160	0.05	0.04	n.a.
5	N.A.	10.037	0.222	0.756	0.32	0.19	n.a.
Total		-	69.013	398.485	100.00	100.00	-

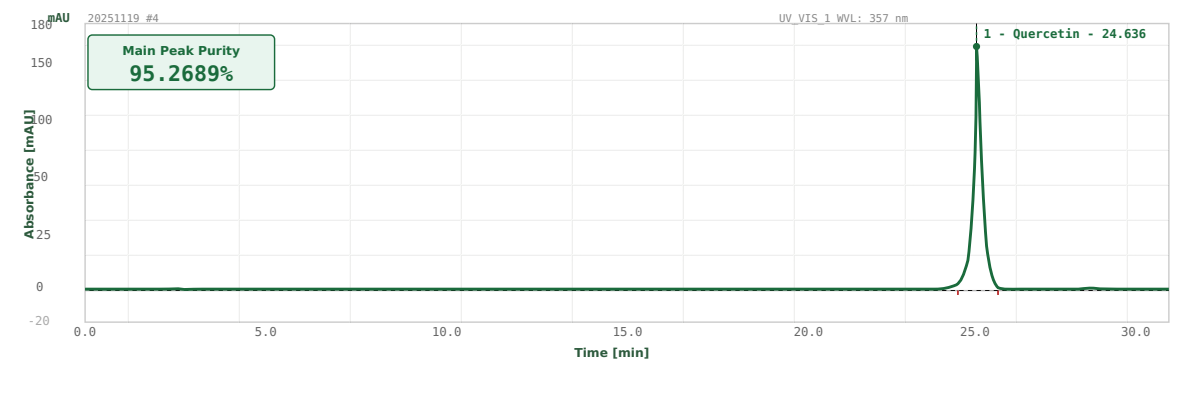
All data are original instrument output values. This report is for reference only.

SAMPLE INFORMATION

Sample Name	Sophora japonica Extract (Quercetin 95%)
Run Time	30.00 min
Vial No.	GA3
Injection Volume	10.00 µL
Instrument Method	Quercetin
Wavelength	357.0 nm
Acquisition Date	2026-01-10 13:51
Sample Weight	0.1687 g
Dilution Factor	1.0000
Channel	UV_VIS_1 WVL: 357 nm

Instrument: HPLC_01 | Sequence: 20260110 | Processing Method: Default / Integration | Software: Chromeleon v7.2.5.9507 (Dionex)

CHROMATOGRAM



INTEGRATION RESULTS

No.	Peak Name	Ret. Time (min)	Peak Area (mAU·min)	Peak Height (mAU)	Rel. Area (%)	Rel. Height (%)	Amount (%)
1	Quercetin	24.636	102.438	158.842	100.00	100.00	95.2689
Total		-	102.438	158.842	100.00	100.00	-

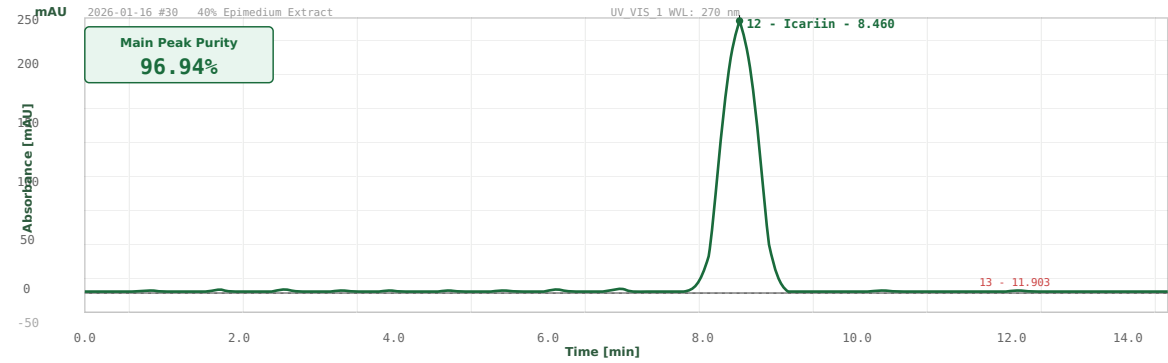
All data are original instrument output values. This report is for reference only.

SAMPLE INFORMATION

Sample Name	Epimedium Extract (Icariin 40%)
Run Time	14.00 min
Vial No.	GC3
Injection Volume	5.00 µL
Instrument Method	Epimedium / Icariin
Wavelength	270.0 nm
Acquisition Date	2026-01-16
Channel	UV_VIS_1 WVL: 270 nm

Instrument: HPLC | Sequence: 2026-01-16 #30 | Processing Method: Default DAD / Integration | Software: Chromeleon v7.2.5.9507 (Dionex)

CHROMATOGRAM



INTEGRATION RESULTS

No.	Peak Name	Ret. Time (min)	Peak Area (mAU·min)	Peak Height (mAU)	Rel. Area (%)	Rel. Height (%)	Amount
1	N.A.	3.690	0.028	0.408	0.06	0.18	n.a.
2	N.A.	3.787	0.060	0.623	0.14	0.28	n.a.
3	N.A.	4.047	0.260	2.415	0.59	1.08	n.a.
4	N.A.	4.343	0.158	1.015	0.36	0.45	n.a.
5	N.A.	4.670	0.047	0.409	0.11	0.18	n.a.
6	N.A.	5.060	0.058	0.444	0.13	0.20	n.a.
7	N.A.	5.940	0.110	0.731	0.25	0.33	n.a.
8	N.A.	6.460	0.270	1.486	0.62	0.66	n.a.
9	N.A.	6.967	0.109	0.622	0.25	0.28	n.a.
10	N.A.	7.283	0.082	0.478	0.19	0.21	n.a.
11	N.A.	7.633	0.033	0.200	0.08	0.09	n.a.
12	Icariin	8.460	42.437	215.041	96.94	95.94	n.a.
13	N.A.	11.903	0.123	0.279	0.28	0.12	n.a.
Total		-	43.776	224.150	100.00	100.00	-

All data are original instrument output values. This report is for reference only.