纳维盈医化科技
NEWAY SINOPHC TECH

NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issue Date: 28 FEB 2026Quality Release Date: 28 FEB 2026

Product Information

Product Number GSE-20260228
Batch Number GSE-SH2026022801
Brand SIGALD
Botanical Source *Vitis vinifera* L. Seed
Active Marker Proanthocyanidins (OPC) ≥95%
Appearance Pale yellow to light brown fine powder
Solubility Freely soluble in water, soluble in ethanol/glycerin

Test Results

Test	Specification (EP 10.0 / USP 45 / CP 2020)	Result	Unit	Test Method
Appearance	Pale yellow to light brown fine powder	Conforms	-	Visual Inspection
Proanthocyanidins (OPC, dry basis)	≥95.0%	96.8%	%	UV-Vis Spectrophotometry (Porter's method)
Loss on Drying	≤5.0%	2.5%	%	105℃, 2h Gravimetry
Total Ash	≤4.0%	2.1%	%	550℃ Ignition Method
Acid-Insoluble Ash	≤1.0%	0.3%	%	Acid Digestion + Ignition
Heavy Metals (Pb)	≤5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Heavy Metals (Cd)	≤0.5 ppm	0.1 ppm	ppm	AAS
Heavy Metals (Hg)	≤0.1 ppm	ND (<0.05ppm)	ppm	AFS
Pesticide Residues	Complies with EP/USP limits	Complies	-	GC-MS/MS
Total Aerobic Microorganisms	≤1000 cfu/g	180 cfu/g	cfu/g	Plate Count Method
Molds & Yeasts	≤100 cfu/g	22 cfu/g	cfu/g	Plate Count Method
Escherichia coli	Negative in 1g	Negative	-	Microbiological Culture
Salmonella	Negative in 25g	Negative	-	Microbiological Culture
Staphylococcus aureus	Negative in 1g	Negative	-	Microbiological Culture
Particle Size	95% passing 100 mesh	Conforms	-	Sieve Analysis

Certification

This batch of Grape Seed Extract is manufactured and tested in accordance with EP 10.0, USP 45 and Chinese Pharmacopoeia (2020) standards for natural plant extracts. All test results meet the specified quality requirements, and the product is qualified for use in food, health care products, cosmetics and pharmaceutical raw materials.