



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis

Product Name: Pomegranate Peel Extract

Product Information

Product Number PPE-20260205
Batch Number PPE-SH2026020501
Brand SIGALD
CAS Number N/A (Main active: Ellagic Acid 476-66-4)
MDL Number N/A (Natural plant extract mixture)
Formula Punica granatum L. Peel Extract (Ellagic Acid, Punicalagin)
Formula Weight Variable (250-600 Da, main actives)
Quality Release Date 05 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Reddish brown to dark brown	Reddish brown	-	Visual Inspection
Appearance (Form)	Fine powder	Free-flowing fine powder	-	Visual Inspection
Total Ellagic Acid Content	≥ 40.0%	42.6%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 5.0%	3.1%	%	Gravimetry (105°C, 2h)
Total Ash	≤ 6.0%	2.8%	%	550°C Ignition Method
pH Value (1% aq. suspension, 25°C)	4.0-6.0	5.2	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	0.9 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Aerobic Microorganisms	≤ 1000 CFU/g	180 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Molds & Yeasts	≤ 100 CFU/g	22 CFU/g	CFU/g	Plate Count Method
Particle Size (Pass through)	≥95% 80 mesh	97%	-	Sieve Analysis
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with industrial standards for natural plant extracts and meets all specified requirements. It is qualified for use in food additives, health care products and cosmetic ingredients.

Issue Date:05 FEB 2026