



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Sodium Butylflavone
Product Number: SBF-20260201
Batch Number SBF-SH2026020101
Brand SIGALD
CAS Number 141-33-3
MDL Number MFCD00017419
Formula $C_{13}H_{13}NaO_4$
Formula Weight 256.23 g/mol

Quality Release Date 01 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Yellow to orange	Yellow	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity ($C_{13}H_{13}NaO_4$)	$\geq 98.0\%$	98.6%	%	High Performance Liquid Chromatography (HPLC)
Moisture Content	$\leq 1.0\%$	0.4%	%	Karl Fischer Titration
pH Value (5% aqueous solution, 25°C)	7.0-9.0	8.1	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	1.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.3 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	$\leq 0.005\%$	0.002%	%	Spectrophotometry
Insoluble Matter in Water	$\leq 0.1\%$	0.05%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for sodium butylflavone and meets all specified requirements. It is qualified for use.

Issue Date: 01 FEB 2026