



Hebei Yanxi Chemical Co., Ltd.

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## Certificate of Analysis

Product Name	7,8-Dihydroxyflavone	CAS NO.	38183-03-8
Batch No.	DHF20230508	Batch Quantity	47.5KG
Mfg.Date	2023-05-08	Expiry Date	2025-05-07

Item	Standard	Result	Method
Appearance	Light yellow to brown powder	Conform	Organoleptic
Identification	Data of HNMR is conform to chemical structure	Conform	HNMR
Purity (HPLC)	≥98%	99.68%	HPLC
Assay(HPLC)	98.0%-102.0%	101.73%	External Standard HPLC
Water Content	4.5%-6.0%	4.66%	Karl Fischer Titration
Particle Size	100% pass 80 mesh	Conform	N.A
Lead (Pb)	≤5.0ppm	Not Detected	GB5009.12-2017
Arsenic (As)	≤2.0ppm	Not Detected	GB5009.11-2014
Mercury (Hg)	≤0.3ppm	Not Detected	GB5009.17-2021
Total Plate Count	≤1,000cfu/g	≤10cfu/g	GB4789.2-2016
Yeast & Mold	≤100cfu/g	≤10cfu/g	GB4789.15-2016
Salmonella	Negative	Not Detected	GB4789.4-2016
E.Coli	Negative	Not Detected	GB4789.3-2016
Staphylococcus Aureus	Negative	Not Detected	GB4789.10-2016
Conclusion	The product complies with the enterprise standard.		

Storage: Store in Dry and Ventilated place with the Room Temperature, Preserved in Original Tight-Closed containers, Keep Away from Light and Heating.

Analysis Date: 2023-05-08

Approver: Zhang Mingliang

Tester: Song Jia

