

## Analytical Report

Sample Code	502-2018-00028646	Report date	09-Jun-2018
Certificate No.	AR-18-SU-028624-01		



EXCELLENT HEALTH PRODUCTS CO.,LTD

Industrial Zone, Mudian, Xuyi County,  
Huai'an, Jiangsu Province, P.R. China

Our reference:	502-2018-00028646/ AR-18-SU-028624-01
Sample described as:	Berberine Hcl
Sample Packaging:	Sealed plastic bag
Sample reception date:	30-May-2018
Analysis starting date:	31-May-2018
Analysis ending date:	09-Jun-2018

Arrival Temperature (°C)	22.4	Sample Weight	110g
Sample Type	Powder		

		Results	Unit	LOQ	LOD
☆ GS005	35S promoter Method: Internal, PCR	negative	%		0.01
	35S promoter				
☆ GS125	NOS terminator Method: Internal, PCR	negative	%		0.01
	NOS terminator				
☆ GS129	FMV promoter Method: Internal, PCR	negative	%		0.01
	FMV promoter				

### COMMENT

Result 35S promoter: 35S promoter DNA was not detected.

Comment: The sample does not contain transgenic DNA sequences which are characteristic for the 35S promoter of the Cauliflower Mosaic Virus (CaMV), or its portion is below the detection limit of the test. This target sequence is commonly engineered in genetically modified plants. In the case of raw meal the limit of detection of genetically modified DNA is 0.01%.  
The analysis was done using qualitative Real-time PCR.

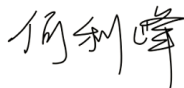
Result NOS terminator: NOS terminator DNA was not detected.

Comment: The sample does not contain transgenic DNA sequences which are characteristic for the NOS terminator element of Agrobacterium tumefaciens or the portion is below the detection limit of the test. This target sequence is commonly engineered in genetically modified plants. In the case of raw meal the limit of detection of genetically modified DNA is 0.01%.  
The analysis was done using qualitative Real-time PCR.

Result FMV promoter: 34S FMV promoter DNA was not detected.

Comment: The sample does not contain transgenic DNA sequences which are characteristic for 34S promoter element of the Figwort Mosaic Virus (FMV) or its portion is below the detection limit of the test. This target sequence is commonly engineered in genetically modified plants. In the case of raw meal the limit of detection of genetically modified DNA is 0.01%.  
The analysis was done using qualitative Real-time PCR.

### SIGNATURE



Jack He  
Microbiology Manager



**EXPLANATORY NOTE**

LOQ: Limit of Quantification

&lt; LOQ: Below Limit of Quantification

N/A means Not applicable

Sum compounds results are calculated from the results of each quantified compound as set by regulation

The result(s) relate(s) only to the item (s) tested.

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END OF REPORT

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