

Test Report

Client: Tatung Negative Co., Ltd(大同生技有限公司)

Address: 6F., No. 99, Jian 1st Rd., Zhonghe Dist., New Taipei City 235 Taiwan (R.O.C.)

Sample Name: 1. Gold Nanoparticle, 2. Platinum Nanoparticle, and 3. Spiked with 18 elements

Analysis item: ICP-MS(Inductively Coupled Plasma Mass Spectrometry)

Analysis method:

1. Sample was digested in acid by microwave digestion system
2. Quantitative analyze the concentration of elements indigested solutions by ICP-MS.

Accepted date: 2017/06/8

Analysis date: 2017/07/03

Report date: 2017/07/20

☒ Analysis Results

A. AuNP (奈米黄金)and PtNP (奈米白金)

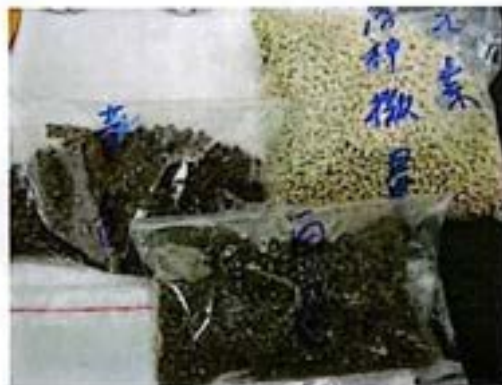
Sample Name	Concentration (%)	
	Au	Pt
AuNP (奈米黄金)	0.87	0.0052
PtNP (奈米白金)	0.0013	0.04

B. 18E(18種微量元素)

Sample Name	Concentration (%)						
	Si	Ti	Zn	Al	Fe	Mn	K
18E (18種微量元素)	5.32	0.90	0.73	0.16	0.11	0.078	0.047

Sample Name	Concentration (%)					
	Mg	Mo	Na	Cu	Ca	V
18E (18種微量元素)	0.032	0.028	0.020	0.020	0.015	<0.0001

* AuNP, Gold nanoparticle, PtNP, Platinum nanoparticle, and 18E, added 18 trace elements.



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