



攞系假！薑母鴨沒有薑！

市面上的仿生薑幾可亂真
當心吃下肚！



4月號



香料市場上 80% 以上的生薑都以某種方式摻假。這種摻假可用廢薑、竹芋、高良薑根或是麵粉。深色和劣質的生薑可透過各種技術美化，包括用煅燒氧化鎂溶液做清洗，可以讓生薑顏色更淺。「漂白」生薑可以使根莖的顏色變亮。「白洗」生薑是將生薑浸入增白劑和水的牛奶中增加顏色吸引力。

摻雜物標準品 Adulterants Standards

Name	Grade	Part Number	Name	Grade	Part Number
Galangal Root 大高良薑	N/A	Inquiry	Demethoxycurcumin (Turmeric) 薑黃色素	Primary	00004230
Turmeric (Curcuma Longa) 薑黃	VBRM	00030963	Bisdemethoxycurcumin (Turmeric) 去二甲氧薑黃素	Primary	00004231
Curcumin (Turmeric) 薑黃素	Primary	00003926	Arrowroot Standards Kit 竹芋標準品組合	Primary	00001100

生薑標準品 Authentic Ginger Standards

Name	Grade	Part Number	Name	Grade	Part Number
Ginger (Zingiber officinale) Rhizome peeled 薑	VBRM	00030956	8-Shogaol 薑烯酚	Primary	00019212
6-Gingerol 生薑	Primary	00007164	10-Shogaol 薑烯酚	Primary	00019214
(+)-8-Gingerol 薑辣素	Primary	00007166	Zingerone 薑醇	Primary	00026600
10-Gingerol 薑辣素	Primary	00007162	6-Paradol 薑酮酚	Primary	00016068
6-Shogaol 薑烯酚	Primary	00019211			

Certificate of Analysis

ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AGILENT 6510 QTOF																		
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size																		
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile;																		
	<table border="1"> <thead> <tr> <th>Minutes</th> <th>%A</th> <th>%B</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td>95</td> <td>5</td> </tr> <tr> <td>5.0</td> <td>95</td> <td>5</td> </tr> <tr> <td>25.0</td> <td>5</td> <td>95</td> </tr> <tr> <td>40.0</td> <td>5</td> <td>95</td> </tr> <tr> <td>41.0</td> <td>95</td> <td>5</td> </tr> </tbody> </table>	Minutes	%A	%B	0.0	95	5	5.0	95	5	25.0	5	95	40.0	5	95	41.0	95	5
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40.0	5	95																	
41.0	95	5																	
COLUMN TEMP.	60 °C																		
FLOW RATE	0.4 mL/minute																		
INJECTION VOL.	0.5 µL																		
INJECTION CONC.	1.0 mg/mL in Dimethyl sulfoxide																		
DETECTION	225 ± 2 nm																		

