(functional food) , ,
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designer food 7 .
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designer food 1989
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. In vitro( ). In vivo( )

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2)

(NLEA ’90)

(DSHEA ’94)

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’90

(Health Claim)

(Nutritional Labeling Education Act, NLEA)

( )

(Nutritional Support Statement) ’94

(Dietary Supplement Health and Education Act, DSHEA) , 12

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FDA Health claim

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(Significant scientific agreement standard)” .

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FDA

10 (2000) .

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1996

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4) EU

EU (food supplement), (fortified foods), (functional foods), / (health claims, functional claims)

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① ③

- dietary supplement

Food supplement(dietary supplement)

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(EU)

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’99

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3

. surrogate disease endpoint( )/

(Food Supplement)

(European Commission) /

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5)

2 (generic authorization) (product-specific authorization) .

’98 Health Canada

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- 1 :

- 2 :

- 3 : (total evidence)

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- Type 1 : ,

- Type 2 : ,

① /

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③ /

biomarker

biomarker

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biomarker . .

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