

**Document for checking of food additive quantities**

Name of products.....

Category .....

No.	Name of food additive	INS No.	Function of food additive	Quantity used in formula (mg/kg or ppm <sup>1</sup> ) (E)	Quantity in ready-to-eat condition <sup>2</sup> (ppm) (F)	Category of food and quantity and unit allowed to use (specify reference source)						Evaluation result	
						Category of food <sup>3</sup>	Notification of MoPH as specified	Notification of MoPH No. 281	CODEX	Status Quo <sup>4</sup>	others (in case of export)	passed	failed

1 Convert unit from percent (%) to mg/kg or parts per million (ppm) by percent (%) x 10,000  
 2 If products are powdered/concentrated, calculation in ready-to-eat condition as method is required. The calculation method is specified in page 2  
 3 Category of food shall be specified as source used for references such as refer to the Notification of MoPH No.281 as reference shall specify category of foods as in such Notification. If refer to Codex, category of food shall specify as food categories of Codex, etc.  
 4 Status quo means items and quantities of food additives that have been permitted prior to the Notification of MoPH No. 281 B.E.2547 (2004) Re: Food additives and their status of permissions are still maintained.

<p><u>For business operator</u>                  Sign.....evaluator                  (.....)                  d/m/y</p>	<p><u>Evaluation result</u>  <input type="checkbox"/> Passed  <input type="checkbox"/> Failed</p>
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Calculation method for food additive quantities in ready-to-eat condition

**1. Products in powdered form**

1.1 Calculation of product as ready-to-eat condition

Ratio of dilution (method of mixing) product .....(A) g with water or liquid .....(B) ml.

Proportion of product in ready-to-eat condition is .....(A)/.....(D) + .....(B)  
= .....(C)

1.2 Calculation of food additives in product as ready-to-eat condition

Formula : [.....(A) x .....(E) ppm ] / .....(C) = .....(F) ppm

**2. Products in concentrated form**

2.1 Calculation of product as ready-to-eat condition

Ratio of dilution product .....(G) parts with water or liquid.....(B) parts

Proportion of product in ready-to-eat condition .....(G) +.....(B) = .....(H) parts

2.2 Calculation of food additives in product as ready-to-eat condition

สูตร : [.....(G) x..... (E) ppm ] /.....(H) = ..... (F) ppm

Remark

1) A = Weight of product as powdered in gram

B = volume of liquid as milliliter

C, H = Quantity after mixing

D = Density

E = Food additives in product formula as mg/kg or ppm

F = quantity of food additives in ready-to-eat product

G = Quantity of concentrated products

2) If quantity of food additives is less than 100%, such quantity shall be used for calculation.