

Acesulfame K Application Examples

<i>Applications and max use quantity of EU</i>	
Application	mg/l
Non-Alcoholic beverage	350
Alcoholic beverage	350
Apple & Pear Wine	350
Non-Alcoholic beer	350
Low energy beer	25
Black beer	350
Edible Ice	800
Milk type Beverage	350
Chewing gum	2000
Oatmeal	1200
Confectionary	500
Low energy Jam	1000
Sweet & Sour Candied Fruit	200
Preserved Fruit	2000
Seasoning Juice	350
Baked Food	350

<i>Examples of Candy Applications</i>	
Ingredient	percentage (%)
Essence	1.00
Pigment	1.00
Acesulfame-K	0.06
Lactitol	29.83
Maltitol	54.89
Water	13.22

<i>Examples of Bread Applications</i>	
Ingredient	percentage (%)
Sucrose	12.240
Egg	27.310
Flour	26.530
Vannillin	0.200
Acesulfame-K	0.066
Soda Powder	0.082
Water	32.834

<i>Examples of Syrup Beverage Applications</i>	
Ingredient	grams
Sucrose	60.0
Acesulfame-K	0.2
Citric Acid	3.0
Orange Sweet Essence	1.6
Natural Pigment	Appropriate amount
Concentrated Orange Juice	18.0
Sodium Ascorbate	0.2
Water	1000.0

<i>Examples of Coke Beverage Applications</i>	
Ingredient	grams
Phosphoric Acid	0.30
Acesulfame-K	0.65
Coke Dose	2.80
Sodium Benzoate	Appropriate amount
Citric Acid	2.0
Water	1000.0

<i>Examples of blending with other sweeteners</i>	
Sweetener	Ratio (AK:Sweetener)
Thaumatococcus	10:01
Xylitol	0.11
Neohesperidin	8:01
Aspartame	1:01
TGS	01:00.2
Sorbitol Solution	1:150-200
Maltitol	0.145833333
Erythritol	1:30-1500
Sucrose	1:100-150
Fructose	1:60-400
Stevioside	01:01.5
Lactitol	1:50-1000
Sodium Cyclamate	1:05
Isomaltitol	1:250-300
Sodium Cyclamate : TGS	01:05.5
Sodium Cyclamate : Aspartame	1:03:01

Comparison of acesulfame k as the only sweetener and acesulfame k used in conjunction with aspartame

<i>Acesulfame K as the only sweetener</i>	
<i>Lemon fruit juice (20%)</i>	
Ingredient	grams
Sucrose	40
Acesulfame-K	0.12
Lemon Latex	3
Conc. Lemon Juice (56 brix)	21.43
Water	1000

<i>Acesulfame K used in conjunction with Aspartame</i>	
<i>Lemon fruit juice (20%)</i>	
Ingredient	grams
Sucrose	40
Acesulfame-K	0.04
Lemon Latex	3
Aspartame	0.04
Conc. Lemon Juice (56 brix)	21.43
Water	1000