



**Daicel Nanning Food Ingredients Co., Ltd.**

A Subsidiary of Daicel Corporation (Japan) Website: <http://www.daicelnn.com.cn>

29 Jinkai Road, Nanning, Guangxi, China 530031 Tel: +86-771-4832684 Fax: +86-771-4810975

Wednesday, August 03, 2016

Ingredient Label:

Sorbic Acid and Moisture.

Ingredient Breakdown / % Composition

Item	% Range
Sorbic Acid	$\geq 99.5\%$
Moisture	$\leq 0.5\%$

100% composition total

*Pan Jingxi*

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Quality Manager,

Daicel Nanning Food Ingredients Co., Ltd.

Sugars, (%) (fructose,glucose,sucrose)	N.F	N.F	S),P)=0.05%	HPLC
Sugar alcohol, (%) (sorbitol,xylitol)	N.F	N.F	S),P)=0.05%	HPLC
Protein, (g)	N.F	N.F	-	kieldahl method
Vitamin A, (μg) (retinol)	N.F	N.F	S),P)=3μg	HPLC
Vitamin C, (mg)	N.F	N.F	S),P)=1mg	HPLC
Niacin, (mg) (nicotinic acid, nicotinamide)	N.F	N.F	S),P)=0.03mg	Microbiological assay
Thiamin(Vitamin B1), (mg)	N.F	N.F	S),P)=0.01mg	HPLC
Riboflavin(Vitamin B2), (mg)	N.F	N.F	S),P)=0.01mg	HPLC
Vitamin D, (μg)	N.F	N.F	S),P)=0.7μg	HPLC
Vitamin E, (μg)	N.F	N.F	S),P)=0.1mg	HPLC
Vitamin K1, (μg)	N.F	N.F	S),P)=0.1μg	HPLC
Vitamin K2, (μg)	N.F	N.F	S),P)=0.1μg	HPLC
Biotin, (μg)	N.F	N.F	S),P)=0.3μg	Microbiological assay
Pantothenic acid, (mg)	N.F	N.F	S),P)=0.05mg	Microbiological assay
Moisture, (%)	1) less than 0.4	2) less than 1.0	-	1) Karl Fischer's method 2) Air oven method
Ash, (g)	Less than 0.2	57.0--58.5	-	Ignition at 750°C
K, 1) (mg), 2) (g)	1) N.F	2) 26	S)=10mg ,P)= -	AAS(Atomic absorption spectrometry)
P, (mg)	N.F	N.F	S),P)=10mg	ICP Atomic emission spectrometry
Mg, (mg)	N.F	N.F	S),P)=1mg	ICP Atomic emission spectrometry
I, (mg)	N.F	N.F	S),P)=0.05mg	GC
Se, (μg)	N.F	N.F	S),P)=5μg	Fluorometric method



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Cr, (mg)	N.F	N.F	S),P)=0.05mg	Diphenylcarbazide spectrophotometric method
Mn, (mg)	N.F	N.F	S),P)=0.1mg	ICP Atomic emission spectrometry
Mo, (mg)	N.F	N.F	S),P)=0.1mg	ICP Atomic emission spectrometry
Cl, (mg)	less than 10	less than 10	S)=5mg ,P)= -	Potentiometric titration method
SO <sub>2</sub> :Sulfites, (ppm)	N.F	N.F	S),P)=3ppm	Potentiometric titration method
Na, (mg)	less than 0.2	less than 300	S)=0.05mg ,P)= -	AAS(Atomic absorption spectrometry)
Ca, (mg)	N.F	less than 5	S),P)=0.01mg	AAS(Atomic absorption spectrometry)
Fe, (mg)	less than 0.01	less than 0.5	S),P)=0.01mg	AAS(Atomic absorption spectrometry)
Cu, (mg)	N.F	less than 0.05	S)=0.01mg ,P)= -	AAS(Atomic absorption spectrometry)
Zn, (mg)	less than 0.05	less than 0.05	S),P)=0.01mg	AAS(Atomic absorption spectrometry)
Ni, (ppm)	less than 0.1	less than 1	S)=0.05ppm ,P)= -	AAS(Atomic absorption spectrometry)
Cd, (ppm)	N.F	N.F	S),P)=0.01ppm	AAS(Atomic absorption spectrometry)
Sb, (ppm)	N.F	N.F	S),P)=0.05ppm	AAS(Atomic absorption spectrometry)
Sn, (mg)	N.F	N.F	S),P)=1ppm	ICP Atomic emission spectrometry
Ethlyen oxide, (ppm)	N.F	N.F	S),P)=5ppm	GC/MS
Formaldehyde, (ppm)	N.F	N.F	S),P)=5ppm	Acetylacetone spectrophotometric method
BHT&BHA, (ppm)	N.F	N.F	S),P)=1ppm	GC/MS
Ethanol, (ppm)	N.F	N.F	S),P)=5ppm	GC
2,4-Pentadione, (ppm)	N.F	N.F	S),P)=5ppm	GC/MS
Aflatoxin B1, (ppb)	N.F	N.F	S),P)=5ppb	HPLC

Name: Pan Jingxi

Position: Quality manager

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