

FEARLESS ENERGY DRINK

CERTIFICATE OF ANALYSIS

Product name : FEARLESS ENERGY DRINK -250 ML SLIM CAN

INGREDIENTS;
Water, Sugar,Carbondioxide,Acidity regulator(Citric acid,Trisodium citrate), Flavour(fruit mix flavour), Taurin, Colourants (Caramel), Vitamins(Niacin,Pantothenic acid, Vitamin B6, Vitamin B12, Riboflavin), Preservatives(Sodium benzoate, Potassium sorbate), Caffeine, Inositol, Glucoronolactone.

INGREDIENTS	% (g/g)	
Water	86,3385994	
Sugar	11,7	
Carbondioxide	0,6412	
Acidity regulator		
	E330 Citric acid	0,6
	E331 Trisodium citrate	0,1973
Flavour(fruit mix flavour) CAS NO 8008-79-5	0,35	
Taurin	0,08	
Colourants		
	E150d Caramel	0,0133
Vitamins		
	% 50 RDA Niasin	0,008
	% 33 RDA Pantothenic acid	0,002
	% 143 RDA Vitamin B6	0,002
	%43 RDA Riboflavin	0,0006
	% 80 RDA Vitamin B12	0,0000002
Preservatives		
	E202 Potassium Sorbate	0,025
	E211 Sodium Benzoate	0,015
Caffeine	0,015	
Inositol	0,01	
Glucoronolactone	0,002	
Total	100	

** The resources of amino acid are synthetic

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Chemical Test	LEVEL	Referance Method
Brix	11,5-11,9	IFU Analysis No. 8
Total Solid(%)	3,8-4,2	IFU Analysis No. 8
Total Sugar(%)	11,2-11,7	IFU Analysis No. 4
Total Ash(%)	0,05-0,1	IFU Analysis No. 9
Ph	3,0-3,3	IFU Analysis No. 11
Acidity	6,50-6,90 g/lt	IFU Analysis No. 3

Nutritional value(100 ml) energy drink	LEVEL	Referance Method
Energy	48 kcal	General calculation
Carbohydrate	11,7	ASU L 31-00.12 and L 31-00.13
Fat	0,0 g	AOAC 954.02
Protein	0,0 g	AOAC 981.10
Niasin	8,0 mg	IUPAC-In house method
Pantothenic acid	2,0 mg	IUPAC-In house method
Vitamin B6	2,0 mg	IUPAC-In house method
Riboflavin	0,6 mg	IUPAC-In house method
Vitamin B12	0,0002 mg	IUPAC-In house method

Microbiological test	Level	Referance Method
Aerobic mesophile	< 10 (cfu/ml)	IFU Analysis No. 2
Acidophile bacterium	< 10 (cfu/ml)	IFU Analysis No. 2
Total coliform	0	§ 64 LFGB
Mould &yeast	<10 (cfu/ml)	IFU Analysis NO. 4 & No. 3

Metals	Level	Referance Method
Arsenic (As)	< 0,1 ppm	IFUREC06
Lead (Pb)	< 0,2 ppm	IFUREC06
Copper (Cu)	< 5 ppm	IFUREC06
Zinc (Zn)	< 5 ppm	IFUREC06

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