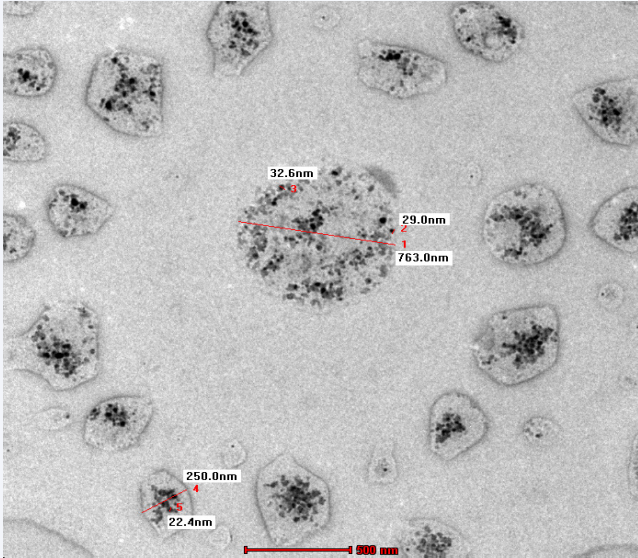




Quantum Fusion

AMARA NANO SUPPLEMENT



TEM Image of AMARA

Product Specification

Brand	: QUANTUM FUSION
Product Name	: AMARA
Particles Size	: <22.4 nm
Formula	: Nano Au, Mg, Fe, and Zn
Storage Temperature	: 20 to 30°C
Stability and reactivity	

The product is chemically stable under standard ambient conditions (room temperature).

Not reactive under normal conditions of use and storage (room temperature).



RESULTS FOR MINERAL

S. No.	Parameters	Units	Methods	Results of Analysis
1	Calcium	mg/100g	SOP-CHM-27-01	71.14
2	Iron	mg/100g	SOP-CHM-27-01	1.21
3	Magnesium	mg/100g	SOP-CHM-27-01	7.35
4	Potassium	mg/100g	SOP-CHM-27-01	34.59
5	Zinc	mg/100g	SOP-CHM-27-01	0.535
6	Gold	mg / kg	By ICP-OES	40.22

NUTRITIONAL DETAILS

S. No.	Parameters	Units	Methods	Results of Analysis	RDA Value*	%RDA
1	Energy	Kcal/100g	SOP-CHM-29-00	272.36	2000	13.62%
2	Total Carbohydrate	g/100g	SOP-CHM-28-00	0.72	-	-
3	Protein	g/100g	SOP-CHM-137-00	3.56	-	-
4	TotalFat	g/100g	By FSSAI Manual For Beverages, Sugar & Confectionery (A8) 2015	28.36	67	-
5	TotalSugar	g/100g	SOP-CHM-123-00	BLQ	-	-
6	Added Sugar	g/100g	SOP-CHM-139-00	BLQ	50	-
7	TransFat	g/100g	AOAC996.0622nd Ed.	BLQ	2	-
8	SaturatedFat	g/100g	AOAC996.0622nd Ed.	BLQ	22	-
9	Cholesterol	mg/100g	AOAC994.10 22nd Ed.	BLQ	-	-
10	Sodium	mg/100g	SOP-CHM-27-01A	5.21	2000	0.26%

*Percentage contribution to Recommended Dietary

Allowance calculated on basis of 2000kcal energy 1 Serve = 100g

BLQ - Below Limit of Quantification

LOQ (Limit of Quantification) for Total Carbohydrate = 0.01g/100g, Protein = 0.01g/100g, Total Sugar = 2.0g/100g, Added Sugar = 1.0g/100g, Trans Fat = 0.1g/ 100g, Cholesterol = 1.0mg/100g

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

1	Physical State	Semi Liquid
2	Color	Dark brown
3	Odor	Smoky Smell
4	pH	6.11
5	Moisture	44.41
4	Explosive properties	Not classified as explosive
5	Oxidizing properties	None
6	Flammability (solid, gas)	None
7	Upper / lower flammability or explosive limits	None
8	Water solubility	5%
9	Shelf Life	6 months

RESULTS FOR VITAMINS

S. No.	Parameters	Units	Methods	Results of Analysis
1	VitaminC	mg/100g	IS5838: 1970Reaff2020	149.46
2	VitaminD	µg/100g	ByHPLC	BLQ
3	VitaminE	mg/100g	ByHPLC	BLQ
4	VitaminB1	mg/100g	ByHPLC	4.41
5	VitaminB2	mg/100g	ByHPLC	2.29
6	VitaminB3	mg/100g	ByHPLC	116.03
7	VitaminB5	mg/100g	ByHPLC	34.84
8	VitaminB6	mg/100g	ByHPLC	126.14
9	VitaminB7	mcg/100g	ByHPLC	321.41
10	VitaminB9	mcg/100g	ByHPLC	643.62
11	VitaminB12	mcg/100g	ByHPLC	33.24
12	Vitamin Aasbetacarotene	mg/kg	ByHPLC	0.542
13	VitaminK	mg/kg	ByHPLC	BLQ