

[Home](#) [Back to Reports](#)

Commercial Product Report

Product Description

Date:	21 October 2015
Manufacturer:	<u>Argento Colloidale Sante'</u> (Sante Naturels)
Product Name:	Colloidal Silver
Product Type:	Colloidal Silver
Concentration:	> 20 ppm
Container Size:	500 mL
Container Material:	Brown PET

Laboratory Analysis of Product

<u>Conductivity:</u>	7.1 uS/cm
<u>Turbidity:</u>	9.7 NTU
Color:	Amber
<u>pH:</u>	7.25
<u>Total Concentration:</u>	25.3 ppm +/- 0.05 ppm
<u>Ionic Concentration:</u>	5.2 ppm +/- 0.05 ppm
<u>Particle Concentration:</u>	20.1 ppm
Percent Ionic:	20.5 %
Percent Particles:	79.5 %
<u>Particle Surface Area:</u>	126.13 cm ² /mL
<u>Particle Size Distribution:</u>	Complete Size Report
<u>Zeta Potential:</u>	Complete Zeta Report

Notes:

Product lot number: 15006A

Expiration date: 1 year after opening

[Complete ICP report](#)

Size Distribution Report by Volume

v2.1



Sample Details

Sample Name: nano cristal silver 1

SOP Name: mansettings.nano

General Notes: Average result created from record number(s): 10 11 12 13 14 15 16 17 18 19

File Name: Santé Naturels.dts

Dispersant Name: Water

Record Number: 20

Dispersant RI: 1,330

Material RI: 1,25

Viscosity (cP): 0,8872

Material Absorbion: 0,010

Measurement Date and Time: mardi 13 novembre 201...

System

Temperature (°C): 25,0

Duration Used (s): 70

Count Rate (kcps): 222,0

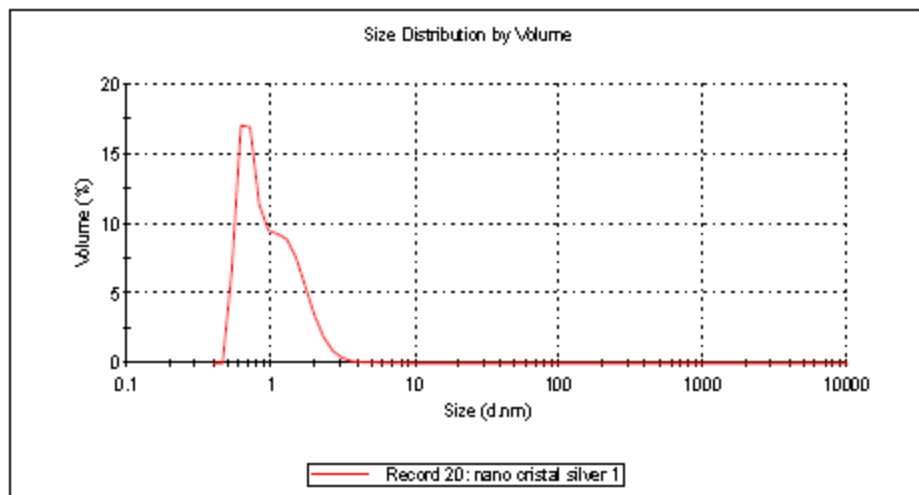
Measurement Position (mm): 4,65

Cell Description: Disposable sizing cuvette

Attenuator: 7

Results

	Size (d.n...	% Volume	Width (d.n...
	Peak 1: 0,6213	100,0	0,8593
	Peak 2: 0,000	0,0	0,000
	Peak 3: 0,000	0,0	0,000
Intercept: 0,795			



Zeta Potential Report

v2.2



Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: nano cristal silver 1

SOP Name: mansettings.nano

General Notes:

File Name: Santè Naturels.dts	Dispersant Name: Water
Record Number: 7	Dispersant RI: 1,330
Date and Time: lunedì 12 novembre 2012 17:2...	Viscosity (cP): 0,8872
Dispersant Dielectric Constant: 78,5	

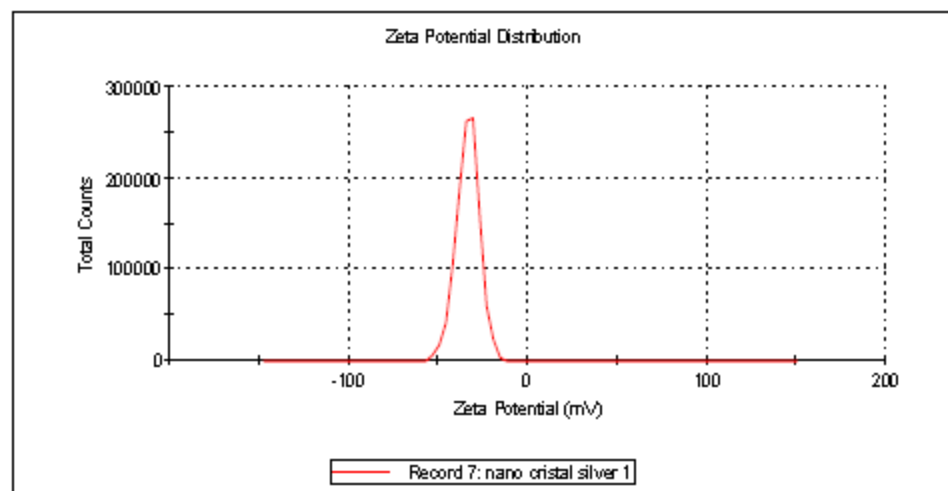
System

Temperature (°C): 25,0	Zeta Runs: 12
Count Rate (kops): 66,6	Measurement Position (mm): 2,00
Cell Description: Clear disposable zeta cell	Attenuator: 11

Results

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -33,5	Peak 1: -33,5	100,0	6,43
Zeta Deviation (mV): 6,43	Peak 2: 0,00	0,0	0,00
Conductivity (mS/cm): 0,0268	Peak 3: 0,00	0,0	0,00

Result quality Good



Civitanova Marche, li 08/04/14

Spett.le **SANTE' NATURELS s.n.c.**
Via Regina Elena, 53
62012 CIVITANOVA MARCHE (MC)

RAPPORTO DI PROVA N. 2803

Pag. 1 di 1

Analisi eseguita su	: CAMPIONE LIQUIDO	cod.campione	: 2803
Descrizione campione	: CAMPIONE LIQUIDO ARGENTO COLLOIDAL 10ppm		
Campionato da	: COMMITTENTE	in data	: 07.04.2014
Trasportato da	: COMMITTENTE	data accettazione	: 07.04.2014
Per conto di	: SANTE' NATURELS s.n.c.	n. rif	: /
Presso	: CIVITANOVA MARCHE (MC)	data inizio analisi	: 07.04.2014
Verbale di Prelievo/Campionamento n.	/	data fine analisi	: 08.04.2014
Ist. Operativa di campionamento:	/		

PARAMETRI MICROINQUINANTI	Unità di misura	Risultati analitici	Incertezza estesa ^(a)	Metodo di riferimento	Limiti di riferimento
					Valore di Parametro
Argento	mg/l	10,03	-	APAT CNR IRSA 3010A Man 29 2003+UNI EN ISO 11885:2009	-



(a) Fattore di copertura $k = 2$; Livello di confidenza $p = 95\%$.

Il RESPONSABILE CHIMICO

provide a constant particle surface area. The values are normalized.

Product Name Click on product name for complete lab analysis report	Particle Surface Area cm ² /mL	Efficiency Index	Total Silver ppm	Ionic Silver ppm	Normalized mL	Percent Ionic
DNH	0.001	1.00	0.99	0.94	68640	94.9
Argento Laser di Ferioli	0.004	0.393	10.18	10.08	17160	99.0
Cruydhof	0.004	0.388	10.3	9.94	11160	96.5
Helder en Gezond	0.009	1.483	6.06	5.95	7626	98.2
Harmonik	0.015	2.50	6.00	5.57	4576	92.8
Colzil	0.029	2.43	11.92	10.74	2366	90.1
Fortisol	0.046	1.143	40.23	39.68	1492	98.6
Meditech Europe	0.073	63.36	1.15	0.89	940	77.4
Medisol	0.086	3.00	28.59	28.28	795.3	98.9
Bodille	0.097	12.24	7.92	7.25	707	91.5
Naturapharma	0.127	21.59	5.88	4.78	540	81.3
Crystal	68.64	5251	13.0	2.79	1.84	21.3
Argento Colloidale Sante'	126.13	4985	25.3	5.2	1.0	20.5

Higher values are better.
I valori più alti sono migliori

Lower values are better.
I Valori più bassi sono migliori

ANALISI DEL LABORATORIO DI SCIENZA COLLOIDALE AMERICANO
Fonte: www.silver-colloids.com

Percentuale ionica. Questo valore esprime la componente ionica. Fra tutti i prodotti Europei Santé Naturels risulta aver la minor percentuale ionica, quindi una più alta componente particellare (79,5%). Questo conferma che il prodotto Santé rappresenta il miglior Argento Colloidale Vero in Europa.

Questo valore è l'area di superficie per Cm2/ml, caratteristica qualitativa principale. Santé Naturels risulta il miglior valore fra i prodotti Europei. Maggiore è la superficie più alta è la qualità del prodotto

Notes:

Col. 1 Product Name and concentration in parts-per-million (ppm) on label.

Col. 2 Particle surface area= value from lab report.

Col. 3 Efficiency Index = Divide column 2 by total ppm value from the lab report and multiply by 1000.

Col. 4 Total silver (ppm).

Col. 5 Ionic silver (ppm).

Col. 6 mL of product required for a constant particle surface area.

Normalized value is calculated by dividing the largest column 2 value (126.13) by column 2.

Col. 7 Percent Ionic.

Related Information

- [How to Compare Colloidal Silver Products](#)
- [Particle Surface Area and Effectiveness](#)
- [Bioavailability of Colloidal Silver](#)
- [The Truth About Ionic Silver](#)
- [Myth of Monatomic Colloidal Silver](#)
- [The Truth About TEM Images of Ionic Silver Solutions](#)
- [The Truth About Silver Protein Products](#)
- [The Truth About Colloid Particle Size](#)
- [Reass Scientific Claims Made for Colloidal Silver Products](#)