

Institute of Public Health in Ostrava
Centre of Hygienic Laboratories
Partyzánské nám stí 7, 702 00 Ostrava

TEST REPORT No. 5376/2017

Customer : CRYSTAL COLLOIDALS
Thomas Alva Edisonweg 3
6045 GN Roermond
NL

Set No. : 2567
Sample Received : 30.1.2017 9:00
Sample Analyzed : 30.1.2017 - 3.2.2017
Ref. No. : ZU/ZU/01044/2016
File No. : S-ZU/ZU/01044/2016
File code : 4.0.3

Sample No. : 8340
Sampling date : Not mentioned **Sampling time:**Not mentioned
Sample name: 3.Colloidal Gold - Silbertau - Kolloidales gold - 8 ppm - RGO08.16
Sample Type : Drinking water
Sampled by : Customer
Mode of sampling : Not mentioned

Results - chemical analysis

Parameter	Value	Unit	Type	Method used	Uncertainty
Au	0,120	mg/l	N	SOP OV 201 ²	±20%

Notice to sampling : The sampling itself is not a subject of accreditation.

Method specification :

SOP OV 201 (SN EN ISO 17294-1, SN EN ISO 17294-2)

Laboratory workplace :

⁽²⁾ - Analyses performed at Ostrava (Partyzánské nám. 7, 702 00 Ostrava)

Methods in TYPE column: "N" non-accredited test

< - the result is below the detection limit, > - the result is higher than the value presented

Results deal with tested samples only.

Without a written consent of the laboratory, this Report can be reproduced only complete.

These expanded uncertainties of measurement are obtained by multiplying of standard uncertainty of measurement by extending coefficient k=2 (for confidence level 95%). Uncertainty of sampling not included.

Head of Hygienic Laboratories Center : Došká ová Šárka, RNDr.

Checked by : Lach Karel, Ing. CSc.

Completed by : Lach Karel, Ing. CSc.

Number of pages : 1

Date : 14.2.2017

Ing. Vladimíra N mcová
Head of Department of Inorganic Analyses



Size Distribution Report by Number

Sample Details

Sample Name: 8341_2567_2017_Colloidal Gold_Silbertau_Kolloidales Gold 8 ppm AVG

SOP Name: nanoAu.sop

General Notes: Average result created from record number(s): 562 563 564 565 566 567 568 569

File Name: CRYSTAL colloidal.dts **Dispersant Name:** Water

Record Number: 633 **Dispersant RI:** 1.330

Material RI: 0.20 **Viscosity (cP):** 0.8872

Material Absorbtion: 3.09 **Measurement Date and Time:** 8. února 2017 8:27:32

System

Temperature (°C): 25.0 **Duration Used (s):** 110

Count Rate (kcps): 107.2 **Measurement Position (mm):** 4.65

Cell Description: Disposable sizing cuvette **Attenuator:** 11

Results

	Size (d.nm):	% Number
Peak 1:	93.51	100.0
Peak 2:	0.000	0.0
Peak 3:	0.000	0.0

