

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

TEST REPORT No. 5378/2017

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. :	8344
Sampling date :	Not mentioned
Sample name:	5.Colloidal Gold - Doctor Klaus - Kolloidales gold - 2-3 ppm
Sample Type :	Drinking water
Sampled by :	Customer
Mode of sampling :	Not mentioned

Results - chemical analysis

Parameter	Value	Unit	Type	Method used	Uncertainty
Au	0,0256	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: 8345_2567_2017_Colloidal Gold_Doctor Klaus_Kolloidales Gold 2-3 ppm AVG

SOP Name: nanoAu.sop

General Notes: Average result created from record number(s): 588 590 591 592 593

File Name: CRYSTAL colloidal.dts	Dispersant Name: Water
Record Number: 635	Dispersant RI: 1.330
Material RI: 0.20	Viscosity (cP): 0.8872
Material Absorbtion: 3.09	Measurement Date and Time: 8. února 2017 8:30:16

System

Temperature (°C): 25.0	Duration Used (s): 60
Count Rate (kcps): 172.2	Measurement Position (mm): 1.25
Cell Description: Disposable sizing cuvette	Attenuator: 9

Results

	Size (d.nm):	% Number
Peak 1:	237.6	100.0
Peak 2:	4965	0.0
Peak 3:	0.000	0.0

