

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

**TEST REPORT No. 5380/2017**

**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. :** 8348  
**Sampling date :** Not mentioned                      **Sampling time:**Not mentioned  
**Sample name:** 7.Colloidal Gold - Pestalozzi Apotheke - kolloidales gold - 10 ppm  
**Sample Type :** Drinking water  
**Sampled by :** Customer  
**Mode of sampling :** Not mentioned

**Results - chemical analysis**

Parameter	Value	Unit	Type	Method used	Uncertainty
Au	0,0390	mg/l	N	SOP OV 201 <sup>2</sup>	±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 :**

<sup>(2)</sup> - 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:** 8349\_2567\_2017\_Colloidal Gold\_Pestalozzi Apotheke\_Kolloidales Gold\_10 ppm AVG

**SOP Name:** nanoAu.sop

**General Notes:** Average result created from record number(s): 607 608 609 610 611 618 619 620 621

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

**Record Number:** 637      **Dispersant RI:** 1.330

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

**Material Absorbtion:** 3.09      **Measurement Date and Time:** 8. února 2017 8:33:24

### System

**Temperature (°C):** 25.0      **Duration Used (s):** 100

**Count Rate (kcps):** 84.4      **Measurement Position (mm):** 4.65

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

### Results

	Size (d.nm):	% Number
<b>Peak 1:</b>	24.41	72.6
<b>Peak 2:</b>	56.72	27.4
<b>Peak 3:</b>	0.000	0.0

