

## CERTIFICATE OF ANALYSIS

**PRODUCT: COLLOIDAL SILVER**

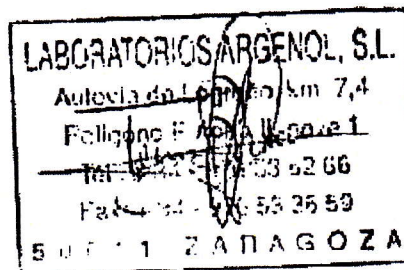
**BATCH NUMBER: C16-0341**

| DETERMINATIONS                       | SPECIFICATIONS                                                                             | RESULTS  | METHOD |
|--------------------------------------|--------------------------------------------------------------------------------------------|----------|--------|
| Appearance                           | Green or bluish-black metallic shiny flakes or powder, hygroscopic                         | CORRECT  | EP 8.0 |
| Character: solubility                | Freely soluble or soluble in water, practically insoluble in ethanol and methylen chloride | CORRECT  | EP 8.0 |
| Identification A                     | Violet color                                                                               | CORRECT* | EP 8.0 |
| Identification B                     | Precipitate soluble in water                                                               | CORRECT* | EP 8.0 |
| Identification C. Reaction of silver | White precipitated dissolves on dilute ammonia                                             | CORRECT* | EP 8.0 |
| Solution S                           | Complete                                                                                   | CORRECT  | EP 8.0 |
| Alkalinity                           | = > 1.5 ml NaOH 0.1N                                                                       | 2.5      | EP 8.0 |
| Silver ions                          | No precipitate                                                                             | CORRECT  | EP 8.0 |
| Sensivity to electrolytes            | No opalescence                                                                             | CORRECT  | EP 8.0 |
| Water insoluble substances           | < = 1.0 %                                                                                  | < 0.1    | EP 8.0 |
| Loss on drying 80°C                  | < = 8.0 %                                                                                  | 1.0      | EP 8.0 |
| Silver content                       | 70.0 - 80.0 %                                                                              | 72.4     | EP 8.0 |
| *Statistical data                    |                                                                                            |          |        |

MANUFACTURING DATE: 21/06/16

EXPIRATION DATE: 21/06/20

**LABORATORIOS ARGENOL S.L.**  
27/06/16



**TERESA BARRENA**  
QUALITY CONTROL