

# CYTOTOXICITY TEST

According the method UNI EN ISO 11993-5 the biological evaluation “in vitro”: cytotoxicity test.

## RAPID BRONZ

| Concentrazione / <i>concentration</i> mg/ml                  | % inibizione della vitalità cellulare / <i>Cell viability inhibition (%)</i><br>Valori medi / <i>Mean</i> | IC <sub>50</sub> | RISULTATO / <i>RESULT</i><br>MTT TEST  |
|--|---|------------------|--|
| PRELINE – RAPID BRONZE<br>COD. 013729 LOTTO 259612           |   |                  |  |
| Controllo positivo/ <i>Positive control</i> : SDS 0.06 mg/ml | 0.448<br>0.410<br>0.408   | < <u>0.5</u>     | Citotossico / <i>Cytotoxic</i>         |
| Controllo negativo <i>Negative control</i> :: D-MEM          | 2.284<br>2.329<br>2.248   | >1,5             | Non Citotossico / <i>Not Cytotoxic</i> |
| Colture cellulare / <i>cell culture</i>                      | -   | >1,5             | Non Citotossico / <i>Not Cytotoxic</i> |
| C1 1000 µg/ml  | 1.946<br>2.105<br>1.980   | >1,5             | Non Citotossico / <i>Not Cytotoxic</i> |
| C2 5000 µg/ml  | 2.092<br>1.937<br>1.887   |                  | Non Citotossico / <i>Not Cytotoxic</i> |
| C3 10.000 µg/ml  | 1.990<br>1.962<br>1.964   |                  | Non Citotossico / <i>Not Cytotoxic</i> |
| C4 20.000 µg/ml  | 1.964<br>1.900<br>1.680   |                  | Non Citotossico / <i>Not Cytotoxic</i> |
| C5 50.000 µg/ml  | 1.807<br>1.777<br>1.729   |                  | Non Citotossico / <i>Not Cytotoxic</i> |

This European standard ISO 10993-5 specifies test method and minimum requirements to evaluate the cytotoxicity of chemical substance for different applications in various fields (medical, cosmetic, ecc.).

According to the obtained results, the test product called RAPID BRONZ according to UNI EN ISO 10993-5:2009 the product were found be NOT CYTOTOXIC: not presented a irritant effects “in vitro” in cell cultures.