



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

## SPECIFICATION SHEET

|                    |  |
|--------------------|--|
| PRODUCT:           | <b><i>Treponema pallidum</i></b> —high pure suspension   |
| CATALOG NUMBER     | G-R1910-1A-FD  |
| LOT NUMBER:        |  |
| FORM               | Lyophilized powder   |
| DESCRIPTION:       | Lyophilized powder of high pure <i>Treponema pallidum</i> was cultured and harvested from rabbit testicle, then freeze-dried from a buffer solution in 10mM phosphate, pH 7.2, containing 0.1% sodium azide as preservative.                                     |
| CONCENTRATION:     | $\geq 1.0 \times 10^9$ organisms/ml before lyophilized.<br>The cells were fractured after freeze-dry. The protein constitute of lyophilized powder was the same as that of intact cells while the product was determined by SDS-PAGE and Western blotting assay. |
| STORAGE:           | Store at: 2-10°C.<br>Repeating freezing and thawing is not recommended.<br>Re-constitute by laboratory grade water.  |
| ANTIGENICITY:      | Determined by Western blot assay against rabbit anti-syphilis serum. It shows the major reaction at molecular weight 47, 45, 35, 33, 17 and 14 kDa.  |
| RELATIVE PRODUCTS: | <i>Treponema pallidum</i> —ultra pure soluble protein ( <b>G-R1910-0A</b> )  |

For *in vitro* research and manufacturing of diagnostic only.