

## PRODUCTS SPECIFICATION

|                |                                   |
|----------------|-----------------------------------|
| <b>Product</b> | <b>: GYMNEMA DRY EXTRACT- 25%</b> |
|----------------|-----------------------------------|

| PARAMETER                    | SPECIFICATION   |
|------------------------------|---|
| Botanical Name               | <i>Gymnema sylvestre</i>  |
| Part Used                    | Leaf  |
| Appearance                   | Greenish to dark green coloured Powder<br>Characteristic Odour & bitter taste |
| Loss On drying               | NMT 8% w/w  |
| pH of 5%w/v aqueous solution | 5 – 7   |
| Total Ash Content            | NMT-10% w/w   |
| Mesh size                    | NLT 99% Passed through 60 mesh  |
| Solubility                   |   |
| In 50% v/v Methanol          | NLT 80 %w/w   |
| In water                     | NLT80 % w/w   |
| <b>Assay</b>                 |   |
| Gymnemic Acids Content       | NLT 25 % w/w  |
| <b>Microbiology Analysis</b> |   |
| Total Plate Count            | NMT 1000 cfu/gm   |
| Yeast & Mould                | NMT 100 cfu/gm  |
| E.coli & Salmonella          | Absent  |
| Staphylococcus aerus         | Absent  |
| Pseudomonas aeruginosa       | Absent  |
| Heavy metal                  | NMT 10PPM   |
| Arsenic                      | NMT 1 PPM   |

## PRODUCTS SPECIFICATION

|                |                                   |
|----------------|-----------------------------------|
| <b>Product</b> | <b>: GYMNEMA DRY EXTRACT- 75%</b> |
|----------------|-----------------------------------|

| PARAMETER                    | SPECIFICATION   |
|------------------------------|---|
| Botanical Name               | <i>Gymnema sylvestre</i>  |
| Part Used                    | Leaf  |
| Appearance                   | Greenish to dark green coloured Powder<br>Characteristic Odour & bitter taste |
| Loss On drying               | NMT 8% w/w  |
| pH of 5%w/v aqueous solution | 5 – 7   |
| Total Ash Content            | NMT6 % w/w  |
| Mesh size                    | NLT 99% Passed through 60 mesh  |
| Solubility                   |   |
| In 50% v/v Methanol          | NLT 85 %w/w   |
| In water                     | NLT90 % w/w   |
| <b>Assay</b>                 |   |
| Gymnemic Acids Content       | NLT 75 % w/w  |
| <b>Microbiology Analysis</b> |   |
| Total Plate Count            | NMT 1000 cfu/gm   |
| Yeast & Mould                | NMT 100 cfu/gm  |
| E.coli & Salmonella          | Absent  |
| Staphylococcus aerus         | Absent  |
| Pseudomonas aeruginosa       | Absent  |
| Heavy metal                  | NMT 10PPM   |
| Arsenic                      | NMT 1 PPM   |