



# Product specification

Quality- Health & Safety- and Environmental care system

48x50 pads 57mm 220 g/m2 standard cotton

NBL KD 805

v17/ 16.02.2018

TIPPYS CLASSIC 125537

|                                   | Parameter                                 | Unit   | Normal Value        | Tolerance         | Analysis Methods              |
|-----------------------------------|---|--------|---------------------|-------------------|-------------------------------|
| <b>A General properties</b>       |   |        |                     |                   |                               |
| 1                                 | Pads number                               | number | 50                  | 0 + 3             | Count                         |
| 2                                 | Shape                                     |        | round               | n.a.              | Visual                        |
| 3                                 | Size / diameter                           | mm     | ø57mm               | ± 2               | Ruler                         |
| 4                                 | Surface side A                            |        | STANDARD            | n.a.              | Visual                        |
| 5                                 | Surface side B                            |        | smooth              | n.a.              | Visual                        |
| 6                                 | Stitched                                  |        | NO                  | n.a.              | Visual                        |
| 7                                 | Special treatment                         |        | .                   | n.a.              | -                             |
| <b>B Physical properties</b>      |   |        |                     |                   |                               |
| 1                                 | Colour                                    |        | white               | n.a.              | Visual                        |
| 2                                 | Brightness / whiteness index              | Wi     | > 80                | n.a.              | CIE/STM E 313                 |
| 3                                 | Fluorescence (366 nm)                     |        | absent              | n.a.              | European Pharmacopoeia        |
| 4                                 | Pad weight                                | g      | 0,56                | ± 0,056           | Balance                       |
| 5                                 | Bag weight (gross)                        | g      | 29,7                | ± 3,0             | Balance                       |
| 6                                 | Bag weight (nett)                         | g      | 28,1                | ± 2,8             | Balance                       |
| 7                                 | Thickness                                 | mm     | 2,7                 | ± 0,27            | ASTM D1777                    |
| 8                                 | Strength MD                               | daN/cm | >0,26               | > 0,17            | Lemoine Holland               |
| 9                                 | Strength CD                               | daN/cm | >0,26               | > 0,17            | Lemoine Holland               |
| 10                                | Absorption coefficient                    | g/g    | > 15                | > 10              | European Pharmacopoeia        |
| 11                                | Sinking time                              | s      | < 5                 | < 10              | European Pharmacopoeia        |
| 12                                | Humidity                                  | %      | 6                   | 2 - 8             | Lemoine Holland               |
| 13                                | Irregularities organic <sup>1</sup>       |        | see remark          | n.a.              | Visual                        |
| 14                                | Irregularities - non organic <sup>2</sup> |        | not visible         | n.a.              | Visual                        |
| 15                                | Metal (PV) detection test                 |        | every hour          | n.a.              | Lemoine Holland               |
|                                   | Ferrous (ball) 1.5 mm                     |        | detected / rejected | n.a.              | Lemoine Holland               |
|                                   | Non Ferrous (ball) 1.5 mm                 |        | detected / rejected | n.a.              | Lemoine Holland               |
|                                   | Stainless Steel (ball) 2.0 mm             |        | detected / rejected | n.a.              | Lemoine Holland               |
| <b>C Chemical properties</b>      |   |        |                     |                   |                               |
| 1                                 | Composition                               | %      | 100% cotton         | n.a.              | European Pharmacopoeia        |
| 2                                 | pH  |        | 6                   | -1.6 +2.2         | European Pharmacopoeia        |
| <b>D Microbiologic properties</b> |   |        |                     |                   |                               |
| 1                                 | Total viable count (TAMC)                 | cfu/g  | < 100               | < 2000            | European Pharmacopoeia        |
| 2                                 | Yeast and fungi (TYMC)                    | cfu/g  | < 10                | < 200             | European Pharmacopoeia        |
| 3                                 | Pathogen bacteria                         |        | absent              | n.a.              | European Pharmacopoeia        |
| <b>E Traceability bag</b>         |   |        |                     |                   |                               |
| 1                                 | Traceability code                         | Line 1 | -                   | PON hh:mm         | -                             |
|                                   |   | Line 2 | -                   | prod: dd/mm/yy    | -                             |
| 2                                 | Code                                      |        | -                   | present / legible | Visual                        |
| 3                                 | Position                                  |        | -                   | side              | Visual                        |
| <b>F Traceability carton</b>      |   |        |                     |                   |                               |
| 1                                 | Traceability code                         | Line 1 | -                   | PON hh:mm         | -                             |
|                                   |   | Line 2 | -                   | prod: dd/mm/yy    | -                             |
| 2                                 | Code                                      |        | -                   | present / legible | Visual                        |
| 3                                 | Position                                  |        | -                   | side              | Visual                        |
| <b>G Packaging (filled bag)</b>   |   |        |                     |                   |                               |
| 1                                 | Length filled bag                         | mm     | 140                 | ± 10              | Ruler                         |
| 2                                 | volume                                    | -      | completely filled   | -                 | Visual                        |
| 3                                 | stacking                                  | -      | above eachother     | -                 | Visual                        |
| <b>H Carton</b>                   |   |        |                     |                   |                               |
| 1                                 | Bags per carton                           | -      | 48                  | ≥ 46              | Check Weigher/Lemoine Holland |
| 2                                 | Carton size (outside dimension)           | mm     | 348 x 234 x 290     | -                 | Ruler                         |

<sup>1</sup> Cotton is a natural product. It is possible that small irregularities (strips, effilochees, dust, seed remains/husk) may occasionally be present.

<sup>2</sup> Non organic irregularities. The cotton pads shall not contain broken fiber waste, metal, glass, plastic or other extraneous material

|  |                                |                              |
|--|--------------------------------|------------------------------|
| <b>Produced by:</b> Quality Department Lemoine Holland | <b>Name:</b> Wendy Verwillegen | <b>Issue date:</b> 28-1-2020 |
| <b>Company name:</b>                                   | <b>Name:</b>                   | <b>Date:</b>                 |