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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Witch Hazel, Distilled

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**PRODUCT NAME:** WITCH HAZEL BPC/USP, DISTILLATE 14%

**LOT NUMBER:** LOT0017317

**PRODUCT INCI:** HAMAMELIS VIRGINIANA WATER (86%) & ALCOHOL (14%)

**PRODUCT CODE:** K0488

**CAS NUMBER:** 84696-19-5 / 64-17-5

**EINECS NUMBER:** 283-637-9 / 200-578-6

**MANUFACTURING METHOD:** STEAM DISTILLED

**MANUFACTURING DATE:** 19/12/22

**BEST BEFORE DATE:** 19/12/24

| ANALYTICAL DETAILS                                                    | RANGE                                   | RESULTS  |
|-----------------------------------------------------------------------|-----------------------------------------|----------|
| APPEARANCE                                                            | LIQUID                                  | -        |
| COLOUR                                                                | COLOURLESS                              | -        |
| ODOUR                                                                 | CHARACTERISTIC, FREE FROM ACETOUS ODOUR | -        |
| SPECIFIC GRAVITY @ 20°C                                               | 0.976 – 0.982                           | 0.980    |
| SPECIFIC GRAVITY @ 25°C                                               | 0.979 – 0.983                           | 0.981    |
| PH @ 25°C                                                             | 3.0 – 5.0                               | 3.56     |
| FORMALDEHYDE (BPC/NF XI)                                              | NEGATIVE                                | CONFORMS |
| TOTAL NON VOLATILE RESIDUE (MG/100ML)<br>(USP)                        | <25.0                                   | 1.5      |
| ACETONE, OTHER ETONES, ISOPROPYL<br>ALCOHOL & T-BUTYL ALCOHOL (NF XI) | NEGATIVE                                | CONFORMS |
| LIMIT OF TANNINS (MG/ML) (USP)                                        | <0.03                                   | <0.03    |
| ALCOHOL (ETHANOL) CONTENT (%) (USP)                                   | 14.0 – 15.0                             | 14.6     |
| TOTAL PLATE COUNT (CFU/ML) (MFG)                                      | <10.0                                   | -        |
| GRAM NEGATIVE BACTERIA COUNT (CFU/ML)<br>(MFG)                        | <1.0                                    | CONFORMS |