

BIO

FT014/01_en

Specifications

Size specifications ⁽¹⁾:

Length (mm)	Nominal value \pm 0.50
Diameter (mm)	Nominal value \pm 0.40
Ovality (mm)	\leq 0.70

Control points:

1. Humidity ⁽²⁾	6.0% \pm 2.0
2. Sensory analysis ⁽³⁾	Absence of strange odours
3. Residual peroxide ⁽³⁾ ⁽⁴⁾	< 0.2 mg/cork stopper
4. Residual solids ⁽³⁾	< 1.0 mg/cork stopper
5. Extraction force ⁽⁵⁾	30 daN \pm 10
6. Compression force ⁽⁶⁾	70 daN \pm 30
7. Capillarity ⁽⁷⁾	< 2 mm
8. Test for Seal Capability ⁽⁸⁾	No leakage at 1.5 bar
9. 2,4,6 – releasable TCA ng/L	< 1.5 ng/L
PCA	< DL
TeCA	< DL
TBA	< DL
10. Microbiology ⁽⁹⁾ UFC n ^o	Bacteria < 2 colonies/cork stopper Yeast < 2 colonies/cork stopper Moulds < 4 colonies/cork stopper

Standards:

⁽¹⁾ NP 4351 / NP 2803-1	⁽²⁾ NP 4351 / NP 2803-02	⁽³⁾ Internal Method
⁽⁴⁾ SYSTECODE	⁽⁵⁾ NP 4351 / NP 2803-4	⁽⁶⁾ NP 2803-3
⁽⁷⁾ NP 4351 / NP 2803-6	⁽⁸⁾ NP 2803-5	⁽⁹⁾ NP 3725



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In line with its environmental conservation policy, Grupo Piedade owns 2000 hectares of cork oak forest, with organic farming and FSC certification. Its factories also have BIO certification. It has therefore the necessary means for developing a new range of corks that fulfil the new demands of the market, customers and consumers. This range of cork stoppers, originating from its own forests, was obtained by Grupo Piedade based on careful research, which led to the implementation of a process for washing and treating specific surfaces, guaranteeing the BIO designation given to the range.