



Specification

1.03672.0000 Cholesterol from wool fat extra pure, powdered

| Specification | | |
|--|---|-----|
| Assay (Cholesterol) (GC, calc. on dried substance) | ≥ 95.0 | % |
| Assay (Total sterols) (GC, calc. on dried substance) | 97.0 - 102.0 | % |
| Identity (IR-spectrum) | passes test | |
| Identity (GC) | passes test | |
| Identity (wet chemistry) | passes test | |
| Appearance | almost white crystalline powder with at most a brownish yellow tone | |
| Solubility in ethanol | passes test | |
| Acidic substances | passes test | |
| Melting point | 147 - 150 | °C |
| Spec. rotation (α 25/D, 20 g/l, Acetone, from dried substance) | -29 to -36 | ° |
| Acetone (HS-GC) | ≤ 5000 | ppm |
| Ethanol (HS-GC) | ≤ 5000 | ppm |
| Heptane (HS-GC) | ≤ 5000 | ppm |
| Methanol (HS-GC) | ≤ 3000 | ppm |
| Other residual solvents (ICH (Q3C)) | excluded by manufacturing process | |
| Sulfated ash (600 °C) | ≤ 0.1 | % |
| Loss on drying (4 h, 60 °C, vacuum) | ≤ 0.3 | % |

Meets analytical specifications of Ph Eur, BP, JP.

The information provided does not imply the suitability of the product for any particular application. It is customer's sole responsibility, prior to use, to determine that the product is suitable and permitted for the customer's intended use and application.

Dr. Sebastian Lips

Responsible laboratory manager quality control

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