

## PRODUCT SPECIFICATION



*Cat. No.*     **D-3100**  
*Product*     **Digitonin**

**Digitin**

*CAS RN*     [11024-24-1]

*M. F.*     C<sub>56</sub>H<sub>92</sub>O<sub>29</sub>

*M. W.*     1229.34 g/mol

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| <i>Test</i>   | <i>Specification</i>              |
|---|-----------------------------------|
| <b>Color</b>  | white                             |
| <b>Form</b>   | powder                            |
| <b>Color of Solution</b><br>(2.5 % in warm ethanol)   | colorless                         |
| <b>Turbidity</b><br>(2.5 % in warm ethanol)   | max. 7.5 NTU                      |
| <b>Water Content (K. Fischer)</b>   | max. 6.0 %                        |
| <b>Loss on Drying</b><br>(105 °C, 3 hours, vacuum)  | max. 6.0 %                        |
| <b>Specific Optical Rotation [alpha]<sub>D</sub></b><br>(c = 10 in 75 % acetic acid, 20 °C) | -50.0 to -47.0                    |
| <b>Sulphated Ash</b>  | max. 0.3 %                        |
| <b>FT-IR Spectrum</b>   | corresponds to reference spectrum |
| <b>Recommended Retest Period:</b>   | <b>720 days</b>                   |

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**BIOSYNTH AG**

Luca Deriu

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