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Digitonin,

$C_{56}H_{92}O_{29}$ 1229.31 CAS RN[®]: 11024-24-1.—White, crystalline powder. Almost insoluble in water; soluble in warm alcohol, and in glacial acetic acid and in 75% acetic acid; insoluble in chloroform and in ether. Melts at about 230°, with decomposition.

SPECIFIC ROTATION (781): between -47° and -49°, determined in a solution in 75% acetic acid containing 100 mg per mL.

Solubility in Alcohol: A solution of 500 mg in 20 mL of warm alcohol is colorless and complete.

Loss on Drying (731): Dry it at 105° to constant weight: it loses not more than 6% of its weight.

Residue on Ignition (Reagent test): not more than 0.3%.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
DIGITONIN	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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