

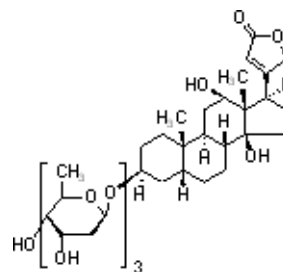
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## Product Specification

Product Name:  
Digoxin – analytical standard

Product Number: **D6770**  
CAS Number: 20830-75-5  
MDL: MFCD00003674  
Formula: C<sub>41</sub>H<sub>64</sub>O<sub>14</sub>  
Formula Weight: 780.94 g/mol



### TEST

### Specification

Loss on Drying	≤ 1.0 %
Infrared spectrum	Compares to Reference Standard
Identification B	Pass
Retention time of major peak in the chromatogram of the assay preparation corresponds to that of the standard preparation as obtained in the assay	
Identification C (TLC)	Pass
R <sub>f</sub> value of the principle blue spot on the thin-layer chromatogram of the Test solution corresponds to that obtained from the Standard solution.	
Residue on ignition (Ash)	≤ 0.5 %
From a 100 mg specimen	
Related glycosides	Pass
< or = 3% of any related glycoside as gitoxin	
Residual Solvents USP 467	Meets Requirements
Limits for Methylene Chloride and Chloroform are 2000 ug/g	
Assay	95.0 - 101.0 %
Dry basis	
Note	-----
This product meets USP specifications (current through USP: , supplement: ) and is traceable to USP Reference Standard lot:	

Specification: PRD.0.ZQ5.10000027343

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.