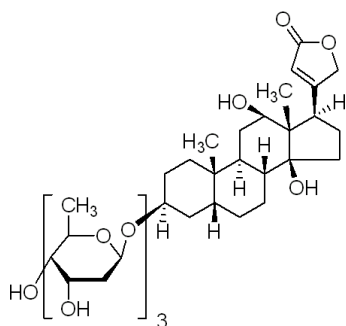


Product Information

Digoxin
Sigma Reference StandardCatalog Number **D6770**
Lot Number 029K8741
Store at Room TemperatureCAS RN 20830-75-5
Synonym: 12 β -Hydroxydigitoxin**Product Description**Molecular Formula: C₄₁H₆₄O₁₄
Molecular Weight: 780.94

This product meets USP specifications (Current through USP 32, 2nd Supplement) and is traceable to USP Reference Standard lot O0B096.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

Dry a portion over silica gel for 1 hour before use. Use promptly. Discard unused material.

Storage/Stability

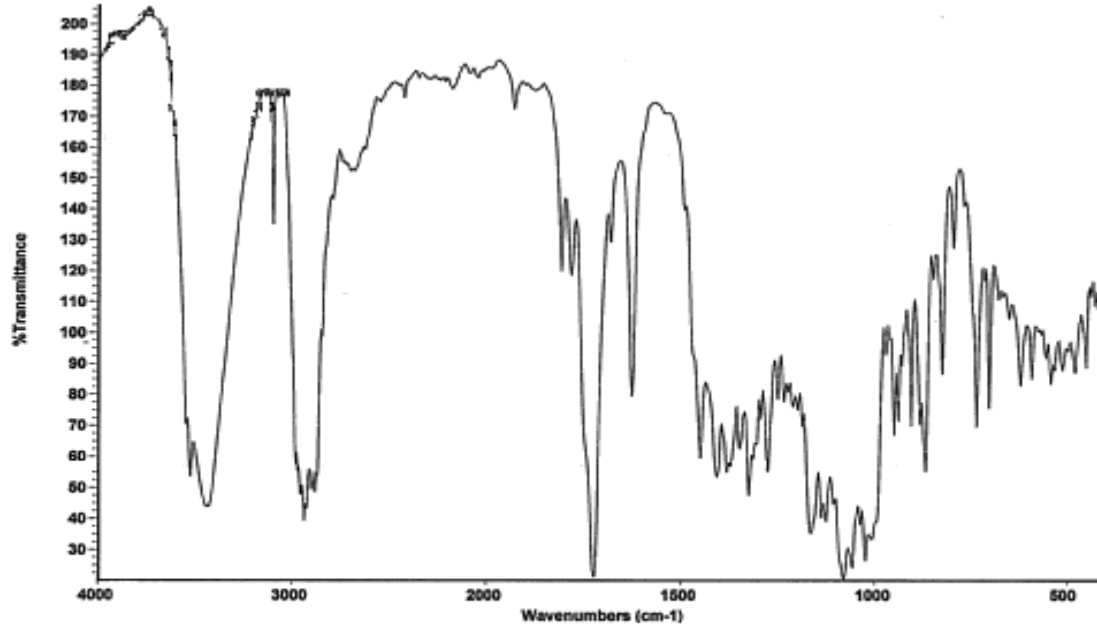
Store in a sealed vial at room temperature.

CMW, MAM 07/09-1

TEST	USP 32 SPECIFICATIONS	Result Sigma Reference Standard Lot 029K8741
Identification A <197K>	compares to standard	conforms to USP RS Lot O0B096
Identification B	Retention time of major peak in the chromatogram of the Assay preparation corresponds to that of the Standard Preparation as obtained in the Assay.	passes
Identification C	R _f value of the principle blue spot on thin-layer chromatogram of the Test solution corresponds to that obtained from the Standard solution.	passes
Loss on Drying <731>	Not more than 1.0%	passes
Residue on ignition <281>	not more than 0.5% from a 100 mg specimen	passes
Related glycosides	Not more than 3% of any related glycoside as gitoxin	passes
Residual Solvents <467>	Limits for Methylene Chloride and Chloroform are 2000 μ g per g	passes
Other residual solvents	meets the requirements	class 2 solvents – methanol, trichloroethylene (meet USP option 1 limits), class 4 solvents(\leq 0.5%)
Assay (dried basis) Chromatography <621>	not less than 95.0% and not more than 101.0%	98.4%

See reverse side for IR spectrum of Sigma Reference Standard

Infrared Spectrum
KBr Dispersion



Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.