

Specification

Technical Data Sheet

Product Name	Digitoxin
Product No	60859961
CAS Number	71-63-6
Storage Temperature	Ambient
Molecular Weight	764.94
	Specification
Appearance	white or almost white powder
Conclusion	Conforms to Ph.Eur. 8
Loss on Drying	<1.5%
Appearance of Solution	clear and colorless
Assay (calculated on the dried basis)	95.0% - 103.0%
Related Compound B (HPLC)	Digitoxigenin: <1%

Specification

Related Compound C (HPLC)	Other glycosides: each <1%
Related Compound D (HPLC)	Sum of glycosides: <3%
Residual Solvent - Methanol	<3000ppm
Residual solvent Dichloromethane	<600ppm
Specific optical rotation $[\alpha]_{D20}$ (2,5 % w/v solution in chloroform)	+16.0 - +18.5
Sulphated Ash	<0.1%
TLC - Related Substances	Gitoxin <2%; other glycosides <1%
Identification IR	IR spectrum comparing with the spectrum of standard
Related Compound A (HPLC)	Gitoxin: <2%
Residual Solvents Ethylacetate	<5000ppm
