



CERTIFICATE OF ANALYSIS

Product	Digitonin-Water-soluble
Grade	Biotech
Product Code	DG1152
Formula	$C_{56}H_{92}O_{29}$
MW	1229.34
CAS#	11024-24-1
Lot No	

Test Items	Specifications	Results
Appearance	White powder	
Color of solution (2.5% in warm ethanol)	Colorless	
Turbidity (2.5% in warm ethanol)	≤7.5 NTU	
Water content (K. Fischer)	≤6.0%	
Loss on Drying (105°C, 3hr, vacuum)	≤6.0%	
Purity (HPLC)	~50.0%	
Specific Optical Rotation [alpha]D (c = 10 in 75% acetic acid, 20°C)	-49.0 to -47.0	
Sulphated Ash	≤0.3%	
FT-IR Spectrum	Corresponds to reference spectrum	

Storage: -20°C