



## CERTIFICATE OF ANALYSIS

Product	BLUO-GAL
Grade	High Purity
Product Code	BB1182
Formula	C <sub>14</sub> H <sub>16</sub> BrNO <sub>6</sub>
MW	374.2
CAS#	97753-82-7
Lot No	

Test Items	Specifications	Results
Appearance	White to Off-white Powder	
Color of Solution (4% in DMF)	Colorless	
Turbidity (0.4% in DMF)	≤2.0 NTU	
Water Content (K. Fischer)	≤0.5%	
Purity(HPLC)	≥99.0 area-%	
TLC	Corresponds to reference material	
(50mg in 1ml DMF and 9ml propanol; butanol/water 86:14;UV 254nm, sulfuric acid)		
Specific Optical Rotation [alpha] <sup>D</sup> (c=1 in DMF/water 1:1; 20°C)	-35.0 to -32.0	
FT-IR Spectrum	Corresponds to reference spectrum	

Storage: -15°C- -20°C under Nitrogen in dark