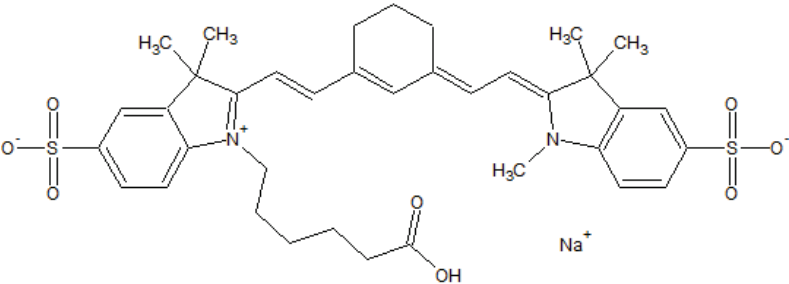




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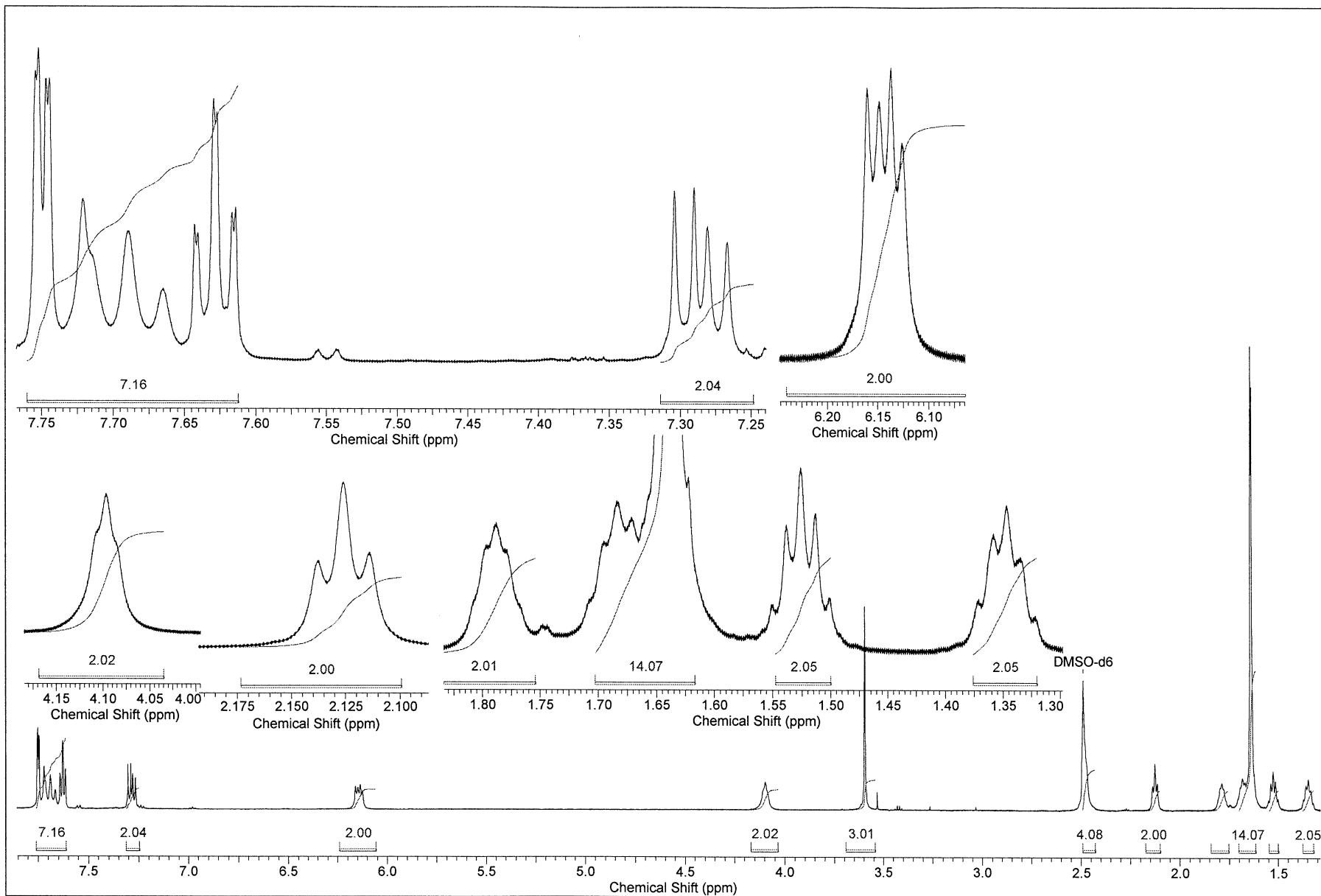
CERTIFICATE OF ANALYSIS

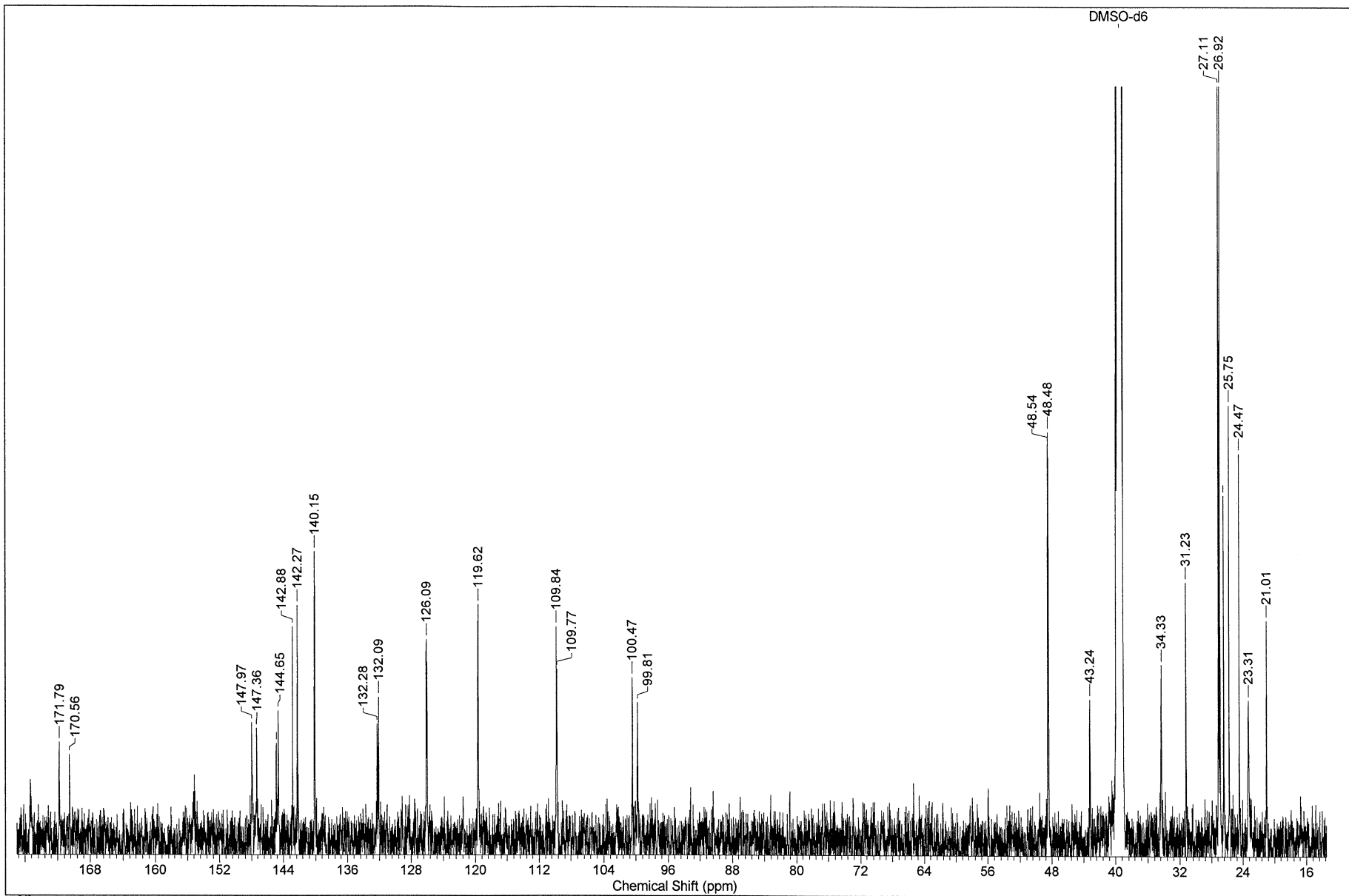
Date 02/23/2013

Product name:	diSulfo – Cy7 carboxylic acid	cat. no.	Lot 10027, Lot 20027, Lot 30027, Lot 40027	
Structure				
FW				730.87
Appearance				dark green solid
Purity				95+%

QUALITY CONTROL

¹H NMR	95+%	Analytical Data page 1
¹³C NMR	95+%	Analytical Data page 2
TLC	pass	major spot in 15% MeOH in CHCl ₃





^{13}C NMR (DMSO- d_6 , 150 MHz)