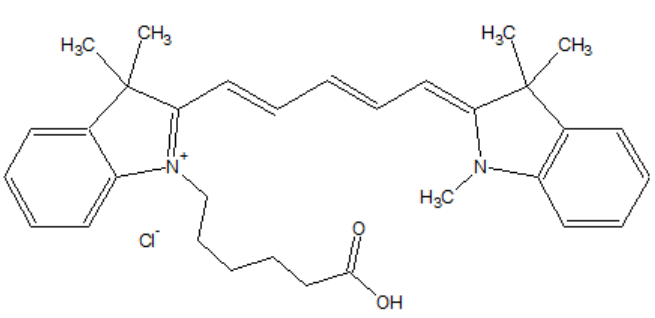




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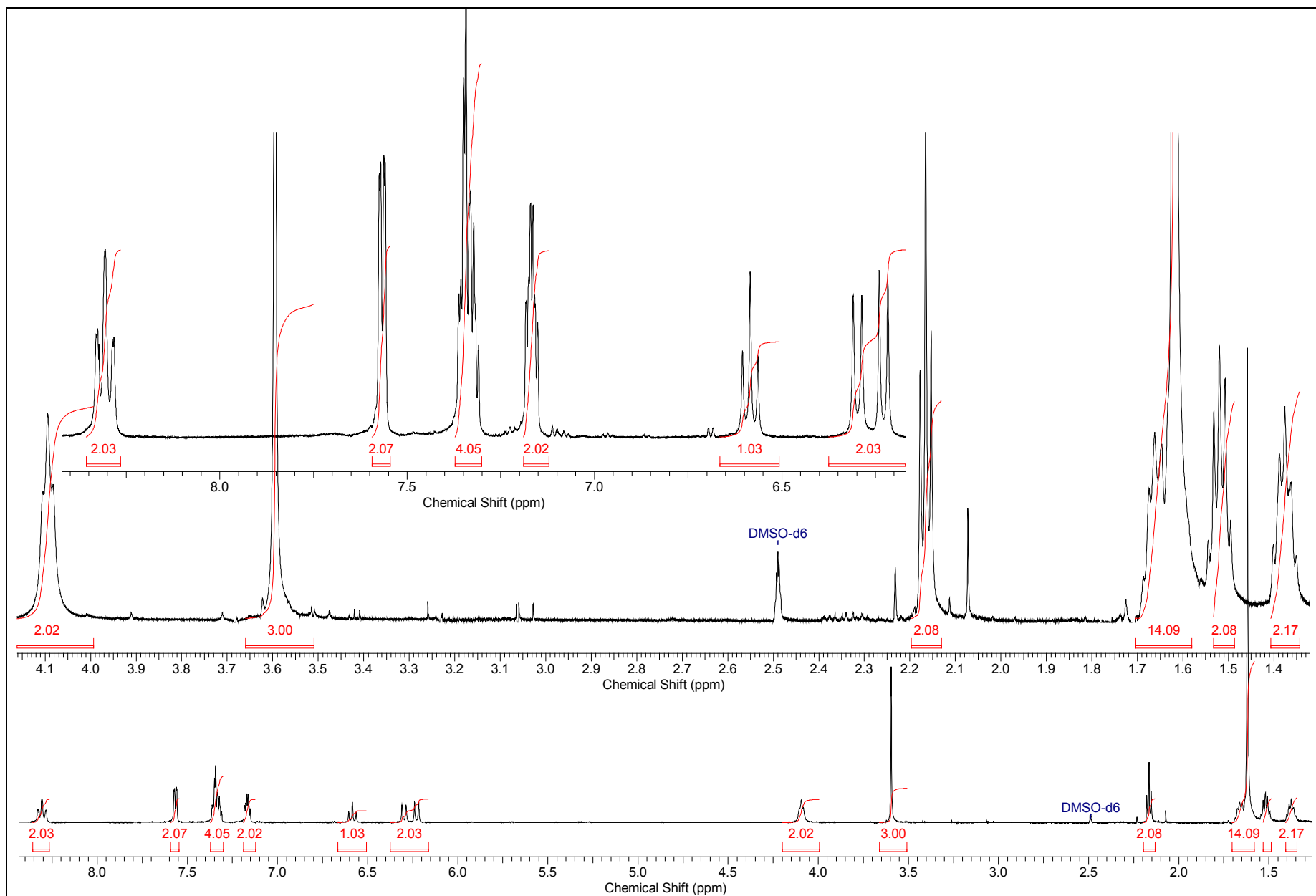
CERTIFICATE OF ANALYSIS

Date 02/23/2013

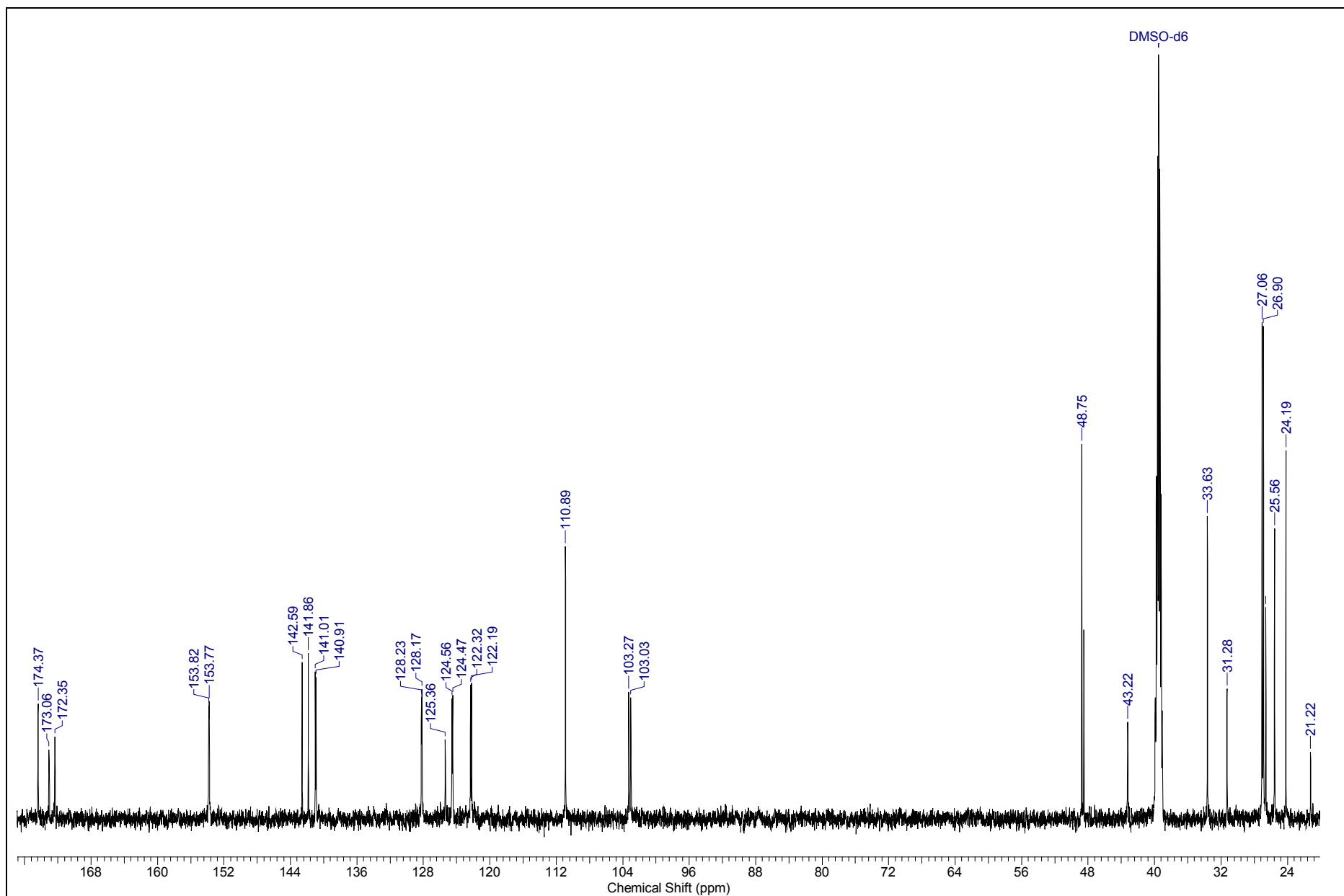
Product name:	Cy5 carboxylic acid	cat. no.	Lot 10006, Lot 20006
Structure			
FW			519.12
Appearance			dark blue solid
Purity			95+%

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



¹H NMR (DMSO-d₆, 600 MHz)



¹³C NMR (DMSO-d₆, 150 MHz)