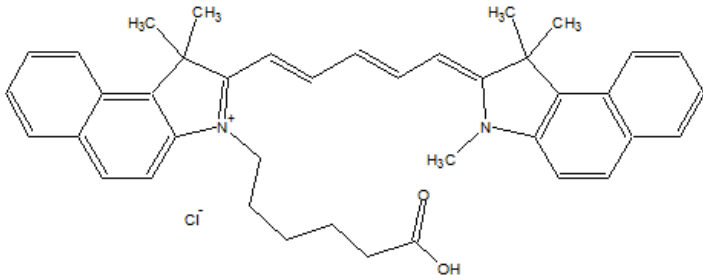




phone: +1 786 220 49 55
fax: +1 786 408 79 60
email: order@cyandye.us
www.cyandye.us

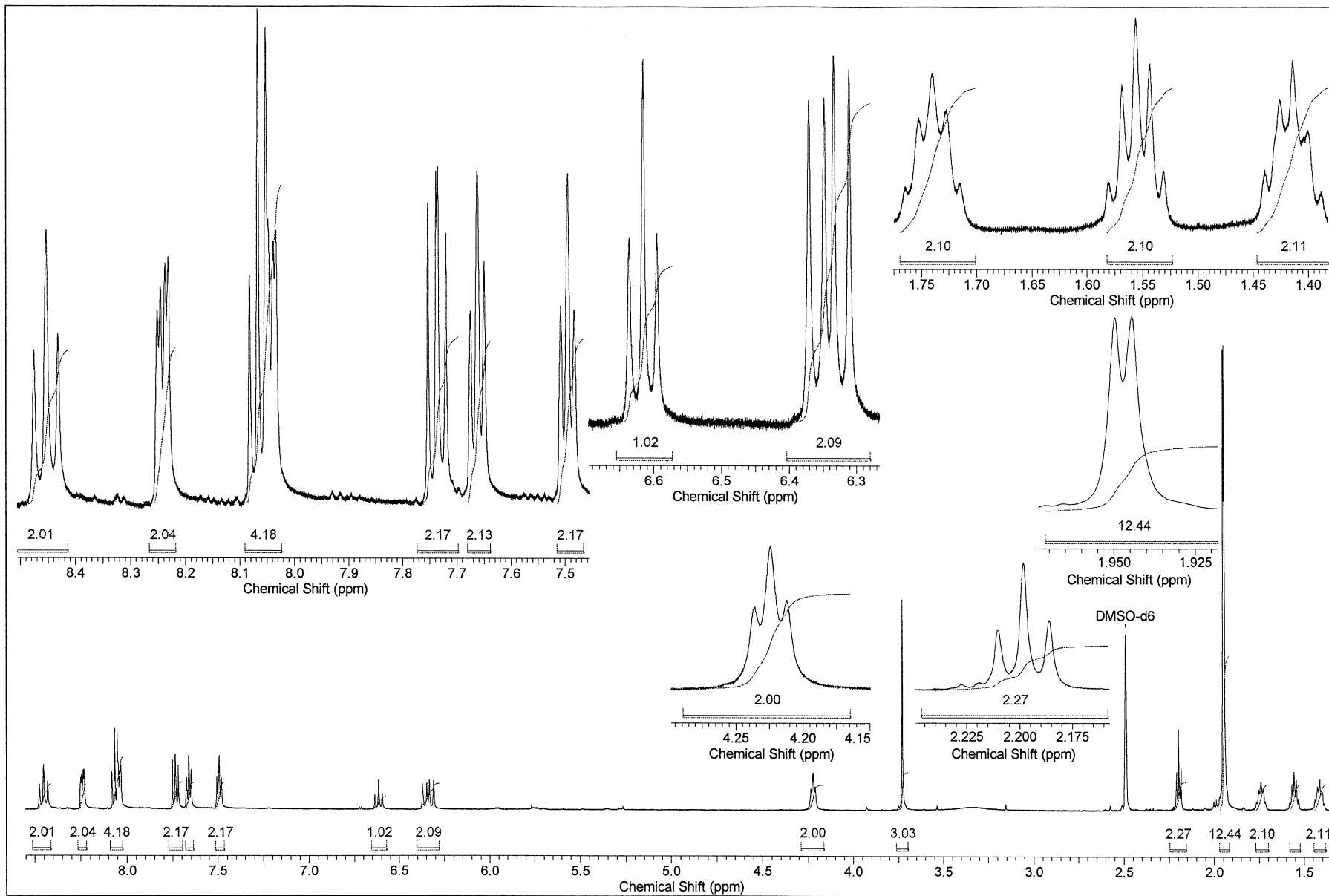
CERTIFICATE OF ANALYSIS

Date 02/23/2013

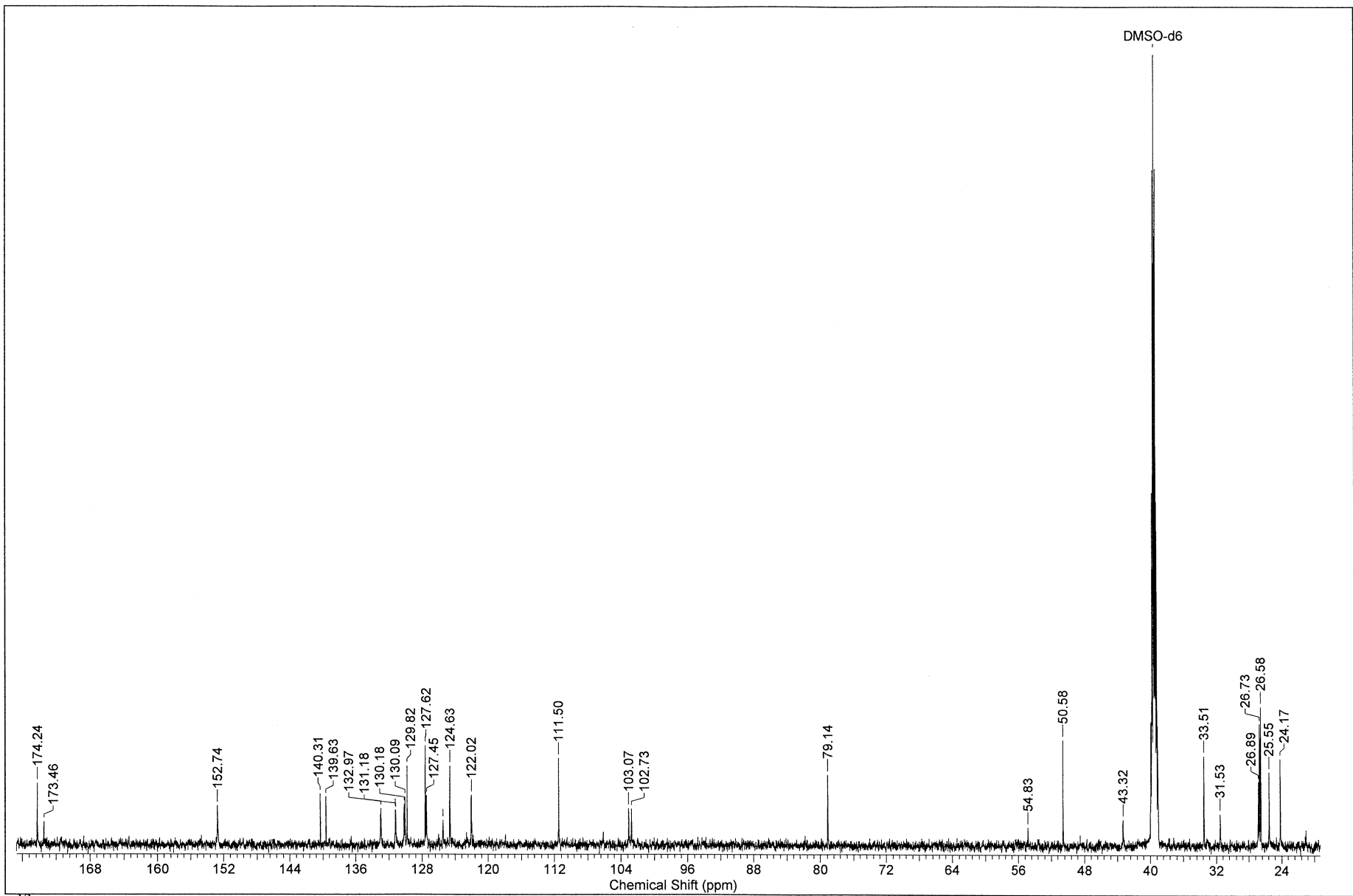
Product name:	Cy5.5 carboxylic acid	cat. no.	Lot 10012, Lot 20012, Lot 30012, Lot 40012
Structure		FW	619.23
		Appearance	dark black-blue solid
		Purity	95+%

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- d_6 , 600 MHz)



¹³C NMR (DMSO-d₆, 150 MHz)