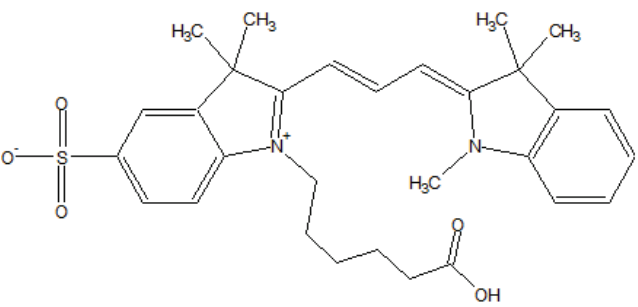




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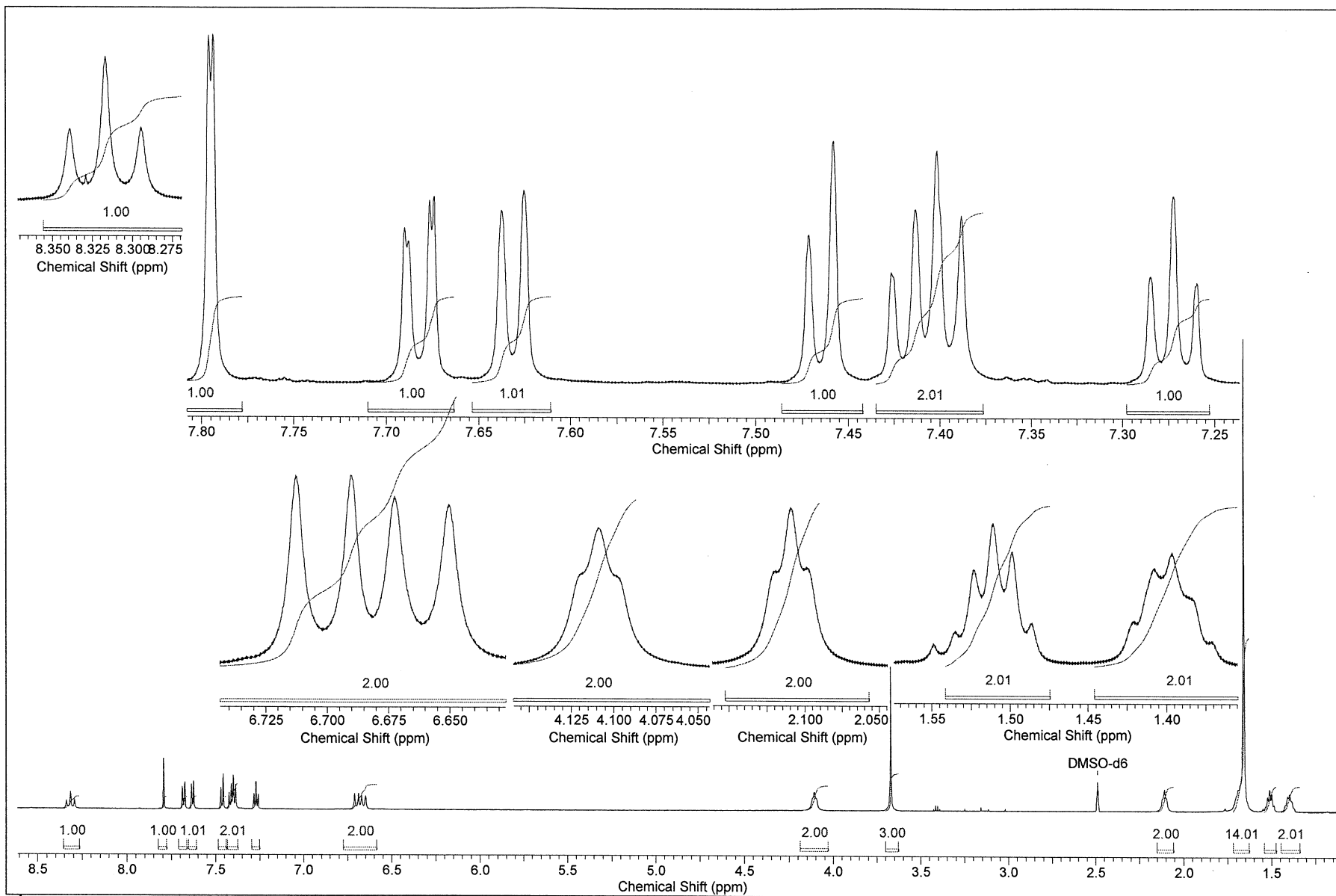
CERTIFICATE OF ANALYSIS

Date 02/23/2013

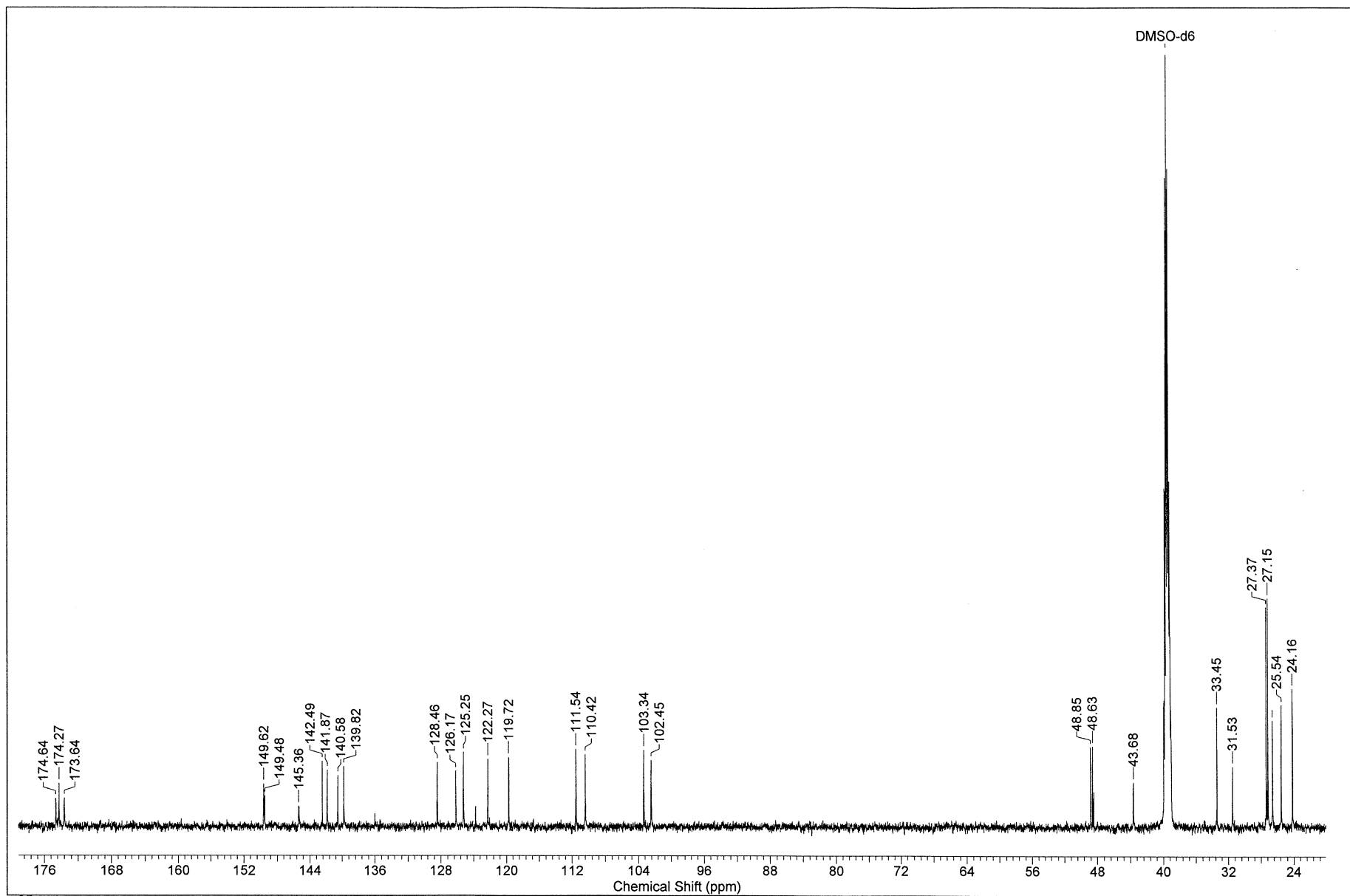
Product name:	monoSulfo – Cy3 carboxylic acid	cat. no.	Lot 10025, Lot 20025, Lot 30025, Lot 40025
Structure		FW	536.68
		Appearance	purple solid
		Purity	95+%

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 ($\text{DMSO-}d_6$, 600 MHz)



¹³C NMR (DMSO-d₆, 150 MHz)