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-CERTIFICATE OF ANALYSIS-

Product:	alpha-omega-Disuccinimidyl ester poly (ethyleneglycol), PEG molecular weight 2,000 daltons
Code No:	BIP1184
Batch No:	1210729
Appearance:	White to slightly yellowish powder
Molecular weight:	$M_p = 1983$ Da
Polydispersity:	$D = 1.03$
Purity by NMR:	>80%
Content of NHS:	720 $\mu\text{mol/g}$
Identity by IR:	Corresponds to reference
Identity by NMR:	Corresponds to reference

Verified by: David Parton

Signed:

Date: 18th February 2013