



Certificate Of Analyses

Product Name:	Amine Functional Boltorn H40
Batch Number:	PF2014
Release Date:	2018-12-06
Theoretical MW:	19200 g/mol (including trifluoroacetate counter-ions)
Aver. Molecular Formula:	$C_{507}H_{896}N_{64}O_{256} + 64$ TFA counter-ion ($C_2F_3O_2^-$)
Aver. Number of NH_3^+:	64
PDI (Mw/Mn):	2.35 (estimated from Boltorn starting material).
Purity:	May contain traces of moisture, ether and methanol
Appearance:	White powder
Solubility:	Variety of polar solvents, such as water, alcohols, DMF, DMSO.
Analysis:	1H NMR, ^{13}C NMR
Recommended storage:	-18 °C. Use immediately upon dissolution.

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