



Certificate Of Analyses

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| Product Name: | PFd-G3-Acetylene-Ammonium |
| Batch Number: | PF-1497 |
| Product No.: | PFDO-030412 |
| Release Date: | 2017-09-20 |
| Molecular weight: | 2649,69 g/mol |
| Molecular Formula: | $C_{78}H_{108}F_{24}N_8O_{46}$ |
| Number of Ammonium: | 8 |
| Number of Acetylene: | 1 |
| Dendritic Dispersity: | Monodisperse |
| Purity (NMR): | > 95% , might contain traces of EtoAc and Trifluoroacetic acid |
| Structural Purity (MALDI): | > 95% structural purity by MALDI TOF analysis |
| Appearance: | viscous liquid |
| Solubility: | MeOH, DMF, DMSO, THF, alcohols and water |
| Analysis: | 1H NMR, ^{13}C NMR and MALDI-TOF MS |
| Usage Recommendation: | As these materials may degrade over time in aqueous solution, Polymer Factory recommends immediate use of solution after dissolution in water. |

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