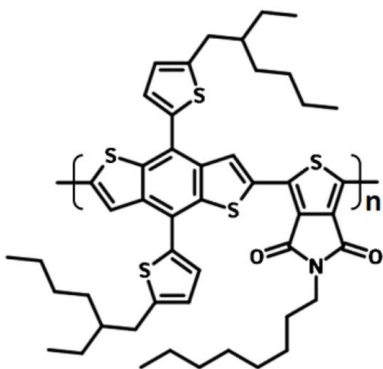


CERTIFICATE OF ANALYSIS

1M Material:	OS4442, PBDTTTPD, PBDTT-TPD
Other Names/Code:	PBDTTTPD, PBDTT-TPD
Chemical Name:	poly[(5,6-dihydro-5-octyl-4,6-dioxo-4 <i>H</i> -thieno[3,4- <i>c</i>]pyrrole-1,3-diyl)[4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-2,6-diyl],
CAS No.:	1426534-44-2
Chemical Structure:	
Lot number:	YY22258CH
Appearance:	Deep brown fine particles
Molecular weight (GPC):	Mw~ 50k; PDI ~ 2.5 (PS standards)
Solubility:	Soluble in CHCl ₃ , chlorobenzene and other selected non-chlorinated solvents
NMR analysis:	Structure confirmed.
Assay:	99+% (basing on NMR of monomers)

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