



Certificate of Analysis

HNPPC

Catalog Number: HN1004
Lot Number: 0105702
CAS Number: 60438-73-5
Synonym(s): 2-(N-Hexadecanoylamino)-4-Nitrophenylphosphocholine Hydroxide
Molecular Formula: $C_{27}H_{50}N_3O_8P$
Molecular Weight: 575.67
Storage: -10 to -20°C, under inert gas
Original QC Test Date: April 11, 2013
New QC Test Date: March 18, 2015
Retest Date: March 16, 2018

Test	Specification	Result
Appearance	Solid yellow powder	Conforms
Purity	≥98%	98%
Identity (1H -NMR, ^{31}P -NMR, MS)	Conforms to structure	Conforms
Melting Point	179 – 182°C	Conforms
Solubility	Methanol	Conforms
Elemental Analysis	Calculated: %C = 56.33 %H = 8.75 %N = 7.30	Found: %C = 57.48 %H = 8.90 %N = 7.36

Approved by:

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Date: January 5, 2017