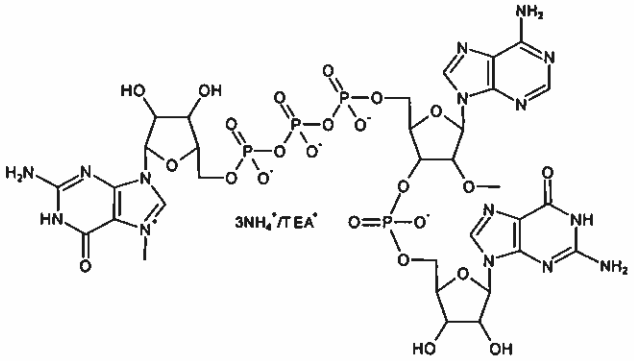
TriLink BIOTECHNOLOGIES
part of Maravai LifeSciences

Certificate of Analysis

CleanCap® AG

N-7113-100



CleanCap® Reagent AG

Product Information

Catalog # (Pack Size): N-7113-1 (1 umole)
N-7113-5 (5 umole)
N-7113-10 (10 umole)
N-7113-100 (100 umole)
N-7113-BK (Bulk amount)

Packaged As: 100 mM in H_2O

Recommended Storage: -20°C or below

Lot #: WOTL47042

Extinction Coefficient: 30,539 $Lmol^{-1}cm^{-1}$ @ 255 nm

Molecular Weight: 1145.6 g/mole (free acid)

Molecular Formula: $C_{32}H_{43}N_{15}O_{24}P_4$ (free acid)

Final Salt Form: NH_4^+/TEA^+

Handling: Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

QC Analysis

Method of Analysis:	Results:
AX-HPLC	Passes
UV Vis	Passes
Mass Spec	Passes
^{31}P NMR	Passes
^{1}H NMR	Passes
Conductivity	Passes
Functional Test	Passes

QA Approval

Approved By: [signature] QA

18 Jun 2020 Date

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