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# Certificate of Analysis

**CleanAmp™ 7-deaza-dGTP Mix Components** — N-9504

**CleanAmp™ dATP**
AX-HPLC: Passes
RP-HPLC: Passes
$^{31}$PNMR: Passes
$^{1}$H NMR: Passes
Mass Spec: Passes
UV Spec: Passes
Packaged As: 10 mM in 40 mM Glycine

**CleanAmp™ dCTP**
AX-HPLC: Passes
RP-HPLC: Passes
$^{31}$PNMR: Passes
$^{1}$H NMR: Passes
Mass Spec: Passes
UV Spec: Passes
Packaged As: 10 mM in 40 mM Glycine

**CleanAmp™ dGTP**
AX-HPLC: Passes
RP-HPLC: Passes
$^{31}$PNMR: Passes
$^{1}$H NMR: Passes
Mass Spec: Passes
UV Spec: Passes
Packaged As: 10 mM in 40 mM Glycine

**CleanAmp™ dTTP**
AX-HPLC: Passes
RP-HPLC: Passes
$^{31}$PNMR: Passes
$^{1}$H NMR: Passes
Mass Spec: Passes
UV Spec: Passes
Packaged As: 2.5 mM in 40 mM Glycine

**CleanAmp™ 7-deaza-dGTP**
AX-HPLC: Passes
RP-HPLC: Passes
$^{31}$PNMR: Passes
$^{1}$H NMR: Passes
Mass Spec: Passes
UV Spec: Passes
Packaged As: 7.5 mM in 40 mM Glycine

1:3 ratio of dGTP: 7-deaza-dGTP

## Product Information

**Catalog # (Pack Size):** N-9504-2 (2 umole of each component)
N-9504-10 (10 umole of each component)
N-9504-BK (Bulk amount of each component)

**Lot #:** T1-AZM01A
**Final Salt Form:** Na+
**Expiration Date:** 10/14/2021
**Recommended Storage:** -20°C or below
**Handling:** Stable to 20 freeze-thaw cycles. Exposure to ambient temperatures during shipping does not adversely affect product performance.

## QC Analysis

| Method of Analysis: | Results: |
|---|---|
| Functional Assay<br>CleanAmp™ 7-deaza-dGTP Mix tested in standardized PCR assay | Passes |
| RP-HPLC | Passes |

## QA Approval

**Approved By:** GLAquino — 16 Apr 2020
QA — Date

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