



**American International Chemical, Inc.**

Corporate Offices: (800) 238-0001

Internet: [www.aicma.com](http://www.aicma.com) Email: [info@aicma.com](mailto:info@aicma.com)

**SPECIFICATION SHEET**

**8-Oxo-dGTP**

**8-Oxo-2'-deoxy-guanosine-5'-triphosphate, Sodium salt**

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
NU1117	1975	-	September 17, 2009	MVL	Original	RVK

<b>CHARACTERISTICS:</b>	Clear solution
-------------------------	----------------

<b>SPECIFICATIONS:</b>	Purity (HPLC)	Greater than 95%
	Identification (MS)	To pass test
	Appearance	Clear, aqueous solution

<b>MOLECULAR FORMULA:</b>	$C_{10}H_{12}N_5O_{14}P_3$ (Anion)
---------------------------	------------------------------------

<b>MOLECULAR WEIGHT:</b>	519.15 (Anion)
--------------------------	----------------

<b>STOCKING POINTS:</b>	Framingham, MA
-------------------------	----------------

<b>PACKAGING:</b>	30 unit and 150 unit tubes (1 unit = 1 $\mu$ l of a 10mM solution)
-------------------	--

<b>APPLICATIONS:</b>	Modified nucleotide for random mutagenesis
----------------------	--

<b>SHELF LIFE AND STORAGE INSTRUCTIONS:</b>	Store below -20°C. If stored as recommended, AIC guarantees the material for 12 months after delivery.
---	--