## **Certificate of Analysis**

## 8-Hydroxyguanine

Cat. No.: HY-113338
CAS No.: 5614-64-2
Batch No.: 281116

Chemical Name: 1H-Purine-6,8-dione,2-amino-7,9-dihydro-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_5N_5O_2$  Molecular Weight: 167.13

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$H_{2}N \xrightarrow{O} H_{N} \\ H_{2}N \xrightarrow{N} H$$

## **ANALYTICAL DATA**

Appearance: Light brown to khaki (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.37%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA