Certificate of Analysis

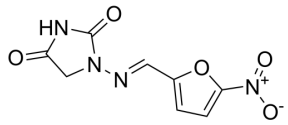
Nitrofurantoin

Cat. No.:	HY-A0090
CAS No.:	67-20-9
Batch No.:	68417
Chemical Name:	2,4-Imidazolidinedione, 1-[[(5-nitro-2-furanyl)methylene]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_8H_6N_4O_5$		
Molecular Weight:	**238.16**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.95%**
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.

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