

## CERTIFICATE OF ANALYSIS

**PRODUCT:**

**Cycloheximide; [Actidione]**

[Naramycin A; 3-[2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]glutarimide; acti-aid; actispray;  $\beta$ -(2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl)glutarimide; hizarocin; kaken; nara mycin; neocycloheximide; nsc-185; u-4527; glutarimide; 3-(2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl)]  
**C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub>, M.W. 281.35, CAS# [66-81-9]**

**PRODUCT NUMBER:**

C-1189

**LOT NUMBER:**

J1235

**APPEARANCE:**

White or cream color powder.

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
<b>IDENTIFICATION:</b>	Conforms	Conforms
<b>PURITY (HPLC):</b>	Not less than 95%	99.30%
<b>MELTING POINT:</b>	107 - 120°C	116.6°C to 117.7°C
<b>POTENCY:</b>	≥ 900 units/mg	990 µg/mg
<b>LOSS ON DRYING:</b>	Less than 1.0%	0.03%

**STORAGE & HANDLING:**

Store desiccated at +4°C. **PROTECT FROM MOISTURE!**  
**WARNING: VERY TOXIC! MAY BE CARCINOGENIC, MUTAGENIC or TERATOGENIC! DANGEROUS FOR THE ENVIROMENT!**  
CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS