

# CERTIFICATE OF ANALYSIS

Product Description      CYCLOHEXIMIDE  
CYCLOHEXIMIDE, 4-[2-(3,5-DIMETHYL-2-OXO-  
CYCLOHEXYL)-2-HYDROXYETHYL]-2,6-PIPERIDINEDIONE  
Product Number        C1989  
Lot Number              HMY1989004  
Molecular Weight       281.36  
Formula                  C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub>  
CAS Number              66-81-9  
Storage Temperature    2-8 °C

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 1mg/mL	Passes
Physical Appearance Color* Texture	Under Development Under Development	PM-4 White Fine Powder
Solution Appearance Color Clarity	Under Development Under Development	Clear Colorless
Average Time to Dissolve	Under Development	Passes
Insolubles	Under Development	None
FTIR	Conforms to Structure	Passes
Purity	For Information Only	98.20%
Potency	For Information Only	1023 µg/mg

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 10-December-2021  
Recommended Shelf Life Date: December 2026



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