

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 HYG1989008
Molecular Weight 281.36
Formula C₁₅H₂₃NO₄
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* | Under Development | PM-1 White |
| Texture | Under Development | Fine Powder |
| Solution Appearance | | |
| Clarity | Under Development | Clear |
| Color | Under Development | Colorless |
| Insolubles | Under Development | None |
| FTIR | Conforms to Structure | Passes |
| Purity | For Information Only | 98.10% |
| Potency | For Information Only | 1390 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: 29-January-2026

Recommended Shelf-Life Date: January 2031

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