

Certificate of Analysis

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| Product Name | : | M50054 |
|---------------|---|--|
| Cat. No. | : | PC-49743 |
| CAS No. | : | 54135-60-3 |
| Batch No. | : | PC-4974301 |
| Chemical Name | : | 2,2'-methylenebis (1,3-cyclohexanedione) |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 236.27 | |
|--------------------|--|-----------------|
| Molecular Formula | : C ₁₃ H ₁₆ O ₄ | |
| Storage | : Powder | -20°C 12 Months |
| | | 4°C 6 Months |
| | In solvent | -80°C 6 Months |
| | | -20°C 6 Months |
| Chemical Structure | | |
| | | |
| ANALYTICAL DATA | | |

| Appearance | Soli | d powder |
|-----------------------------|------|---|
| ¹ H NMR Spectrum | Con | sistent with |
| HPLC | Con | sistent with |
| NP | Con | sistent with |
| Purity (HPLC and/or LCMS) | >98 | % |
| Conclusion | The | product has been tested and complies with the given specifications. |
| | | |

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com