



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issued Date: February 15, 2026

Document No.: COA-BMHCA-260215

Batch No.: BMH-260210-JS

Manufacturer: NEWAY SINOPHC TECH. LIMITED

Product Name: Butylphenyl Methylpropional (BMHCA, Lilial)

CAS No.: 80-54-6 |

EC No.: 201-289-8 |

Molecular Formula: C₁₄H₂₀ O |

MW: 204.31

| Test Item | Specification | Test Method | Result | Pass/Fail |
|-----------------------------------|---------------------------------|---------------|------------------------|-----------|
| Appearance | Colorless to pale yellow liquid | Visual | Colorless clear liquid | Pass |
| Odor | Characteristic floral-fresh | Olfactory | Conforms | Pass |
| Assay (GC) | ≥ 98.5% | GC-FID | 99.2% | Pass |
| Water Content | ≤ 0.10% | Karl Fischer | 0.03% | Pass |
| Acid Value (mg KOH/g) | ≤ 1.0 | Titration | 0.25 | Pass |
| Refractive Index (20°C) | 1.492–1.496 | Refractometry | 1.494 | Pass |
| Relative Density (20/20°C) | 0.940–0.946 | Pycnometry | 0.943 | Pass |
| Sum of Isomers (GC) | ≥ 99.0% | GC-FID | 99.5% | Pass |
| Residue on Evaporation | ≤ 0.10% | Gravimetric | 0.02% | Pass |

Conclusion: This batch conforms to the specifications for fragrance grade Butylphenyl Methylpropional (80-54-6).

纳维盈医化科技
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