

HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

| NO: DYC101608041 | | |
|--------------------|---------------------------------|--|
| Product name | 2-Methyl-2-phenylpropionic acid | |
| CAS Number | 826-55-1 | |
| Molecule Structure | ° ↓ C | |
| Molecule Formula | C10H12O2 | |
| Batch Number | 20160412 | |
| Manuf Date | 2016-04-12 | |
| Testing Date | 2016-04-13 | |

| Analysis Tests | Standard | Results |
|---|--------------------------------------|----------|
| Appearance | White powder | Complies |
| Solubility | Freely soluble in Methanol | Complies |
| Melting range | 74℃-78℃ | Complies |
| Water content by KFR | NMT 0.05% w/w | Complies |
| Loss on drying at 60℃ | NMT 1.00% w/w | Complies |
| Assay by chemical (on anhydrous basis) | NMT 99.00% w/w | Complies |
| Purity by HPLC | NMT 98.00% | 99.7% |
| Monomethyl phenyl acetic acid | NMT 0.1% | Complies |
| Conclusion | The product conforms to the standard | |

Hangzhou Dingyan Chem Co., Ltd. QUALITON CONTROL: Freyou

CHECK:姚仙娟

INSPECTOR: 刘清风