

Certificate of Analysis

SIGMA-ALDRICH®

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|-------------------|---|
| Product Name | Myristic acid, Sigma Grade, ≥99% |
| Product Number | M3128 |
| Product Brand | SIGMA |
| CAS Number | 544-63-8 |
| Molecular Formula | CH ₃ (CH ₂) ₁₂ COOH |
| Molecular Weight | 228.37 |
| Storage Temp | -20°C |

| TEST | SPECIFICATION | LOT 065K1893 RESULTS |
|---|---|------------------------------------|
| APPEARANCE | WHITE POWDER | CONFORMS |
| SOLUBILITY | CLEAR COLORLESS TO VERY FAINT YELLOW SOLUTION AT 400 MG PLUS 4 ML OF CHLOROFORM | CLEAR COLORLESS |
| IR SPECTRUM | CONSISTENT WITH STRUCTURE | CONFORMS |
| PURITY BY TITRATION | NOT LESS THAN 99% | 99% |
| PURITY BY GAS CHROMATOGRAPHY | NOT LESS THAN 99% | 99% |
| PRODUCT CROSS REFERENCE INFORMATION | | REPLACEMENT FOR ALDRICH #153796 |
| RECOMMENDED RETEST | 4 YEARS | JULY 2009 |
| QC RELEASE DATE | | JULY 2005 |



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