

16:0 aldehyde

hexadecanal

857458M-1mg

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| | |
|--------------------------|-----------------------------------|
| Molecular Weight | 240.425 |
| Chemical Formula | C ₁₆ H ₃₂ O |
| Physical State | Methylene Chloride |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5839MGA012 |
| Avanti Lot Number | 857458M-1MG-A-012 |

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|---|
| Physical Examination | Methylene Chloride: Clear solution with no foreign matter | Pass |
| TLC (9:1 Hexane: Ethyl Acetate) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 258.425 ± 1 amu | [M+NH ₄] ⁺ = 258.5 amu |

Approved By:



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