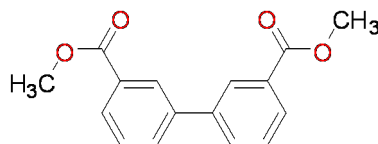




Certificate of Analysis

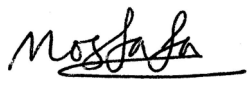
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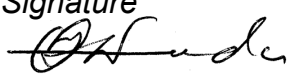


Product Number BM1603
Batch Number M16031601
Product Name Dimethyl biphenyl-3,3'-dicarboxylate

CAS Number 1751-97-9
Molecular Formula C₁₆H₁₄O₄
Molecular Weight 270.285 g / mol

| ANALYSIS | SPECIFICATION | RESULTS |
|-------------------------------|--------------------------|-----------------|
| <i>Appearance</i> | White to off-white solid | Off-white solid |
| <i>MPt (°C)</i> | 100-107 | 104-105 |
| <i>GC -</i> | >99% | 100.0% |
| <i>NMR - CDCl₃</i> | >99% | >99% |
| Notes | | |
| Storage Conditions | Store ≤ 25°C | |

Prepared by:  Mostafa Kamal 16/05/2016
Signature *Print Name* *Date*

Checked by:  Nurul Quazi 15/06/2016
Signature *Print Name* *Date*

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