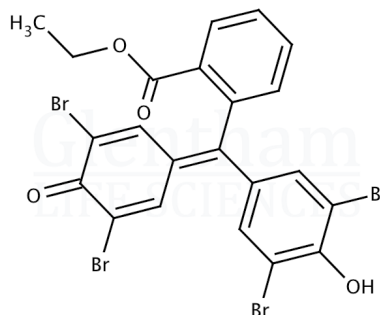


## Certificate of Analysis

|               |                                                     |
|---------------|-----------------------------------------------------|
| Product Name  | 3',3'',5',5''-Tetrabromophenolphthalein ethyl ester |
| Glentham Code | GK4338                                              |
| CAS Number    | 1176-74-5                                           |
| EINECS        | 214-645-2                                           |
| PubChem SID   | 310280670                                           |
| Batch Number  | 871KTJ                                              |

|                   |                       |
|-------------------|-----------------------|
| Molecular Weight  | 661.96                |
| Molecular Formula | $C_{22}H_{14}Br_4O_4$ |
| Storage Temp.     | +20°C                 |



| Property             | Specification             | Batch 871KTJ    |
|----------------------|---------------------------|-----------------|
| Physical Description | Yellow to dark red powder | Dark red powder |
| Assay                | ≥ 95.0%                   | 95.8%           |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2017-01-18 |
| Re-Test Date          | 2022-01-23 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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