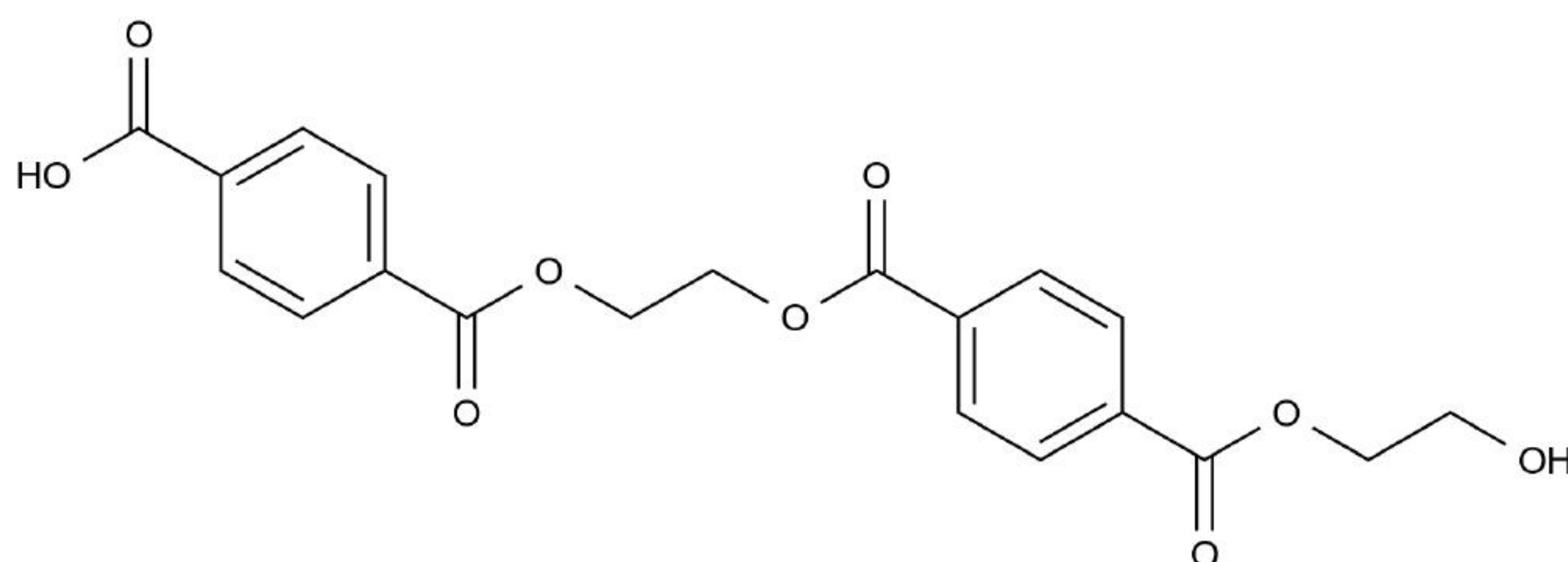


# Certificate of Analysis

## Reference Material

|                           |                                                                               |                          |                                           |
|---------------------------|-------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | 4-((2-((4-((2-Hydroxyethoxy)carbonyl)benzoyl)oxy)ethoxy)carbonyl)benzoic acid | <b>Catalogue Number:</b> | CCHM705607                                |
| <b>Chemical Name:</b>     | N/A                                                                           | <b>Lot Number:</b>       | 0515-RE-0026                              |
| <b>CAS Number:</b>        | 23186-89-2                                                                    | <b>Expiry Date:</b>      | May 16, 2027                              |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>18</sub> O <sub>9</sub>                                | <b>Storage:</b>          | Room Temp Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 402.35                                                                        |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.148%     |
| Loss On Drying | TGA               | 0.1848%     |
| Assay          |                   | 98.0%       |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Hin Lam*

Reviewed by:

*Yuki-i*

Aproved by General manager:

*David*

Date: May 17, 2023

Date: May 17, 2023

Date: May 17, 2023

