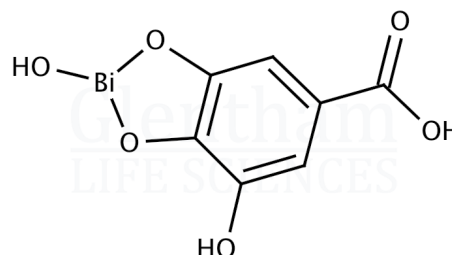


## Certificate of Analysis

|                |                                    |
|----------------|------------------------------------|
| Product Name   | Bismuth(III) gallate basic hydrate |
| Glenthams Code | GK5350                             |
| CAS Number     | 99-26-3                            |
| EINECS         | 202-742-2                          |
| MDL Number     | MFCD01632692                       |
| PubChem SID    | 310267913                          |
| Additional CAS | 22650-86-8                         |
| Batch Number   | 328TYT                             |

|                   |                           |
|-------------------|---------------------------|
| Molecular Weight  | 394.10 (anhydrous)        |
| Molecular Formula | $C_7H_5BiO_6 \cdot xH_2O$ |
| Storage Temp.     | +20°C                     |



| Property                                      | Specification   | Batch 328TYT |
|---|---|--------------|
| Physical Description                          | Yellow powder   | Conforms     |
| Identification                                | To pass tests A, B  | Conforms     |
| Appearance of Solution (in HNO <sub>3</sub> ) | Clear solution  | Conforms     |
| Nitrate (NO <sub>3</sub> )                    | To pass test  | Conforms     |
| Arsenic (As)                                  | ≤ 7.5ppm  | Conforms     |
| Copper (Cu); Lead (Pb) and Silver (Ag)        | To pass test  | Conforms     |
| Alkali and Alkaline Earth Metals              | ≤ 0.5%  | Conforms     |
| Free Gallic Acid                              | ≤ 0.5%  | 0.33%        |
| Loss on Drying                                | ≤ 7.0% (105°C)  | 0.49%        |
| Assay   | 52.0 - 57.0 % (dried basis, as Bi <sub>2</sub> O <sub>3</sub> ) | 54.50%       |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2017-11-06 |
| Re-Test Date          | 2027-11-03 |

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

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