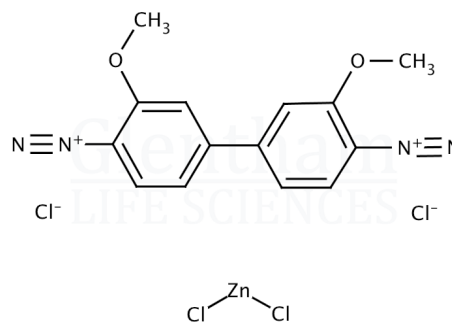


## Certificate of Analysis

|                   |                                       |
|-------------------|---------------------------------------|
| Product Name      | Fast Blue B salt                      |
| Glentham Code     | GT7674                                |
| CAS Number        | 14263-94-6                            |
| EINECS            | 238-153-2                             |
| MDL Number        | MFCD00075203                          |
| PubChem SID       | 310273019                             |
| Batch Number      | 619CFL                                |
| Molecular Weight  | 475.47                                |
| Molecular Formula | $C_{14}H_{12}N_4O_2Cl_2 \cdot ZnCl_2$ |
| Storage Temp.     | +4°C                                  |



| Property  | Specification                                       | Batch 619CFL           |
|---|---|------------------------|
| Physical Description                                  | Yellow, green, grey or dark brown powder            | Yellow-brown powder    |
| Solubility (0.1% in water)                            | Clear to slightly turbid, yellow to orange solution | Clear, yellow solution |
| Loss on Drying  | $\leq 10.0\%$ (105°C)                               | 5.1%                   |
| Wavelength of Maximum Absorption ( $\lambda_{max1}$ ) | 302 - 312 nm (10mg/L, water)                        | 307nm                  |
| Wavelength of Maximum Absorption ( $\lambda_{max2}$ ) | 366 - 371 nm (10mg/L, water)                        | 371nm                  |
| Specific Absorption (E1%/1cm)                         | $\geq 100$ ( $\lambda_{max1}$ )                     | 195                    |
| Specific Absorption (E1%/1cm)                         | $\geq 50$ ( $\lambda_{max2}$ )                      | 85                     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.2       |
| Manufacture Date      | 2023-07-28 |
| Re-Test Date          | 2033-06-30 |

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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