

## Certificate of Analysis

Product Name:

Propidium iodide -  $\geq 94.0\%$  (HPLC)

Product Number: P4170

Batch Number: WXB6053V

Brand: SIGMA

CAS Number: 25535-16-4

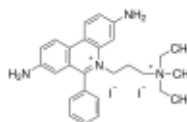
Formula: C<sub>27</sub>H<sub>34</sub>I<sub>2</sub>N<sub>4</sub>

Formula Weight: 668,39 g/mol

Storage Temperature: Store at 2 - 8 °C

Quality Release Date: 15 MAY 2025

Recommended Retest Date: APR 2029



| Test   | Specification              | Result        |
|--|----------------------------|---------------|
| Appearance (Colour)                              | Faint Red to Very Dark Red | Very Dark Red |
| Appearance (Form)                                | Powder                     | Powder        |
| Proton NMR spectrum                              | Conforms to Structure      | Conforms      |
| Water (by Karl Fischer)                          | $\leq 8.0 \%$              | 2.5 %         |
| Solubility (Colour)<br>1 mg/mL, H <sub>2</sub> O | Faint Red to Very Dark Red | Dark Red      |
| Purity (HPLC)                                    | $\geq 94.0 \%$             | 99.6 %        |

Kang Chen  
Quality Manager  
Wuxi, China CN

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

