

## Certificate of Analysis

|                   |                                                |
|-------------------|------------------------------------------------|
| Product Name      | Potassium iodide, 99%, Ph. Eur., BP, USP grade |
| Glenthams Code    | GP9984                                         |
| CAS Number        | 7681-11-0                                      |
| EINECS            | 231-659-4                                      |
| MDL-Nummer        | MFCD00011405                                   |
| Batch Number      | 021ZVR                                         |
| Molecular Weight  | 166.01                                         |
| Molecular Formula | KI                                             |
| Storage Temp.     | +20°C                                          |



| Property                       | Specification                                       | Batch 021ZVR               |
|--------------------------------|-----------------------------------------------------|----------------------------|
| Physical Description           | White to almost white powder or colourless crystals | White crystalline powder   |
| Identification                 | According to BP, Ph. Eur., USP                      | Entspricht                 |
| Solubility (10% in water)      | Clear, colourless solution                          | Clear, colourless solution |
| Alkalinity                     | To pass BP, Ph. Eur., USP test                      | Entspricht                 |
| Iodates                        | To pass BP, Ph. Eur., USP test                      | Entspricht                 |
| Thiosulfates                   | To pass BP, Ph. Eur., USP test                      | Entspricht                 |
| Barium                         | To pass USP test                                    | Entspricht                 |
| Nitrate, Nitrite, Ammonia      | To pass USP test                                    | Entspricht                 |
| Sulphates                      | ≤ 150ppm                                            | ≤ 150ppm                   |
| Iron                           | ≤ 20ppm                                             | ≤ 20ppm                    |
| Loss on Drying                 | ≤ 1.0% (105°C, 4hrs)                                | 0.05%                      |
| Assay (Titration)              | 99.0 - 100.5 % (BP, Ph. Eur.)                       | 100.0%                     |
| Assay (Titration)              | 99.0 - 101.5 % (USP)                                | 100.0%                     |
| Pharmacopoeia Specification(s) | BP, Ph. Eur., USP                                   | Entspricht                 |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2023-05-10 |
| Re-Test Date          | 2032-05-24 |

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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025