

## Certificate of Analysis

Date of Testing: 2025-04-19 14:53:31

Date of Next Testing: 2029-04-18 14:53:31

Product Name: **Potassium hydroxide**

CAS Number: 1310-58-3

Specifications & Purity:  $\geq 85\%$

Lot #: D2515466

SKU #: **P492892**

Version: **1**

Analysis #: **500496**

Storage Temperature: Argon charged, Desiccated

| Parameter                   | Limit Values                   | Result                         |
|-----------------------------|--------------------------------|--------------------------------|
| (PO <sub>4</sub> )Phosphate | 0-0.005 (%)                    | 0.00 %                         |
| Calcium(Ca)                 | 0-0.005 (%)                    | 0.00 %                         |
| Aluminum(Al)                | 0-0.005 (%)                    | 0.00 %                         |
| Sodium(Na)                  | 0-2 (%)                        | 0.95 %                         |
| Heavy metals                | 0-0.002 (%)                    | 0.00 %                         |
| Chloride (Cl <sup>-</sup> ) | 0-0.01 (%)                     | 0.00 %                         |
| Assay                       | 85-100 (%)                     | 91.21 %                        |
| Appearance(P492892)         | White Powder ,Flakes, or Chips | White Powder ,Flakes, or Chips |
| X-Ray Diffraction           | Conforms to Structure          | Conforms to Structure          |



John Su  
QA & QC Manager