

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM HYDROXIDE SOLUTION 1.0 N  
Product Number P682  
Lot Number HXE0682027  
Storage Temperature Room Temperature  
Molecular Weight 56.11  
Formula KOH  
CAS Number 1310-58-3

## **Physiochemical Specifications:**

| TEST                | SPECIFICATION       | RESULTS      |
|---------------------|---------------------|--------------|
| Solubility          | Miscible with Water | Passes       |
| Physical Appearance |                     |              |
| Color               | Colorless           | Colorless    |
| Texture             | Clear Liquid        | Clear Liquid |
| Insolubles          | None                | Passes       |

## **Biological Testing:**

Test Concentration: 5.0 mL/L

| TEST SPECIFICATION  | PLANT CELL LINE    | RESULTS |
|---|--------------------|---------|
| This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants. | Parrot Feather     | Passes  |
|   | H38 Tobacco Callus | Passes  |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 30-August-2024

Recommended Shelf-Life Date: August 2027



David Hart  
Technical Director