

## Certificate Of Analysis

**Customer** BVV -4254 Frontenac Rd.  
**Destination** Naperville, IL 60563

**LOT** :0070NRRDINE  
**Item Desc.** :KOH45  
**Product:** :LIQUID KOH 45% MEMBRANE GRADE

**Additional Information:**

**Batch** :TANK5  
**Inspection Date** :Dec 30 2025

**Vehicle ID:**8131

| TEST                                                  | Result                 | TEST RESULTS |       |
|-------------------------------------------------------|------------------------|--------------|-------|
|                                                       |                        | MIN          | MAX   |
| Total Alkalinity as KOH:                              | %                      | 45.46        | 45.00 |
| Potassium Carbonate (K <sub>2</sub> CO <sub>3</sub> ) | %                      | 0.02         | 0.20  |
| Sodium (Na):                                          | ppm                    | 1000         | 2500  |
| Sodium Hydroxide (NaOH):                              | ppm                    | 1700         | 4300  |
| Potassium Chloride (KCl)                              | ppm                    | 10           | 50    |
| Potassium Chlorate (KClO <sub>3</sub> )               | ppm                    | 8            | 30    |
| Potassium Sulfate (K <sub>2</sub> SO <sub>4</sub> )   | ppm                    | 6            | 30    |
| Iron (Fe):                                            | ppm                    | 0.50         | 2.00  |
| Specific Gravity @ 20°C:                              | SG                     | 1.458        |       |
| Mercury (Hg)                                          | ppm                    | 0.002        | 0.045 |
| Nickel (Ni):                                          | ppm                    | 0.01         |       |
| Lead (Pb):                                            | ppm                    | 0.00         | 2.00  |
| Heavy Metals (as Pb)                                  | ppm                    | 0.16         |       |
| Flame Test for K:                                     | - Violet Purple        |              |       |
| Appearance:                                           | Clear Colorless Liquid |              |       |

**Additional Information:**

This Product Meets The Specifications of The Food Chemical Codex  
 This Product Is Orthodox Kosher Pareve Certified



This product is certified to the requirements of NSF/ANSI/CAN Standard 60: Drinking Water Treatment Chemicals when shipped direct from the Ashtabula facility: 100 mg/L Maximum usage level

BVV employs dedicated processing equipment for this product and packages the material to preserve its food-grade designation..

Please consult the SDS for further information.

BVV Guarantees only that the product describe herein meets the specifications outlined in this document. All Transactions involving this product are governed by BVV's standard terms and conditions. This Certificate of Analysis (COA) does not include any additional information, guarantees, or warranties, whether express or implied beyond those explicitly stated.