

## 2225 – POTASSIUM TERT-BUTOXIDE (for Synthesis)

|                           |                                                                              |                        |
|---------------------------|------------------------------------------------------------------------------|------------------------|
| REF NO: TBL/QA/SS/LC/2225 | STANDARD SPECIFICATION<br>FOR<br>POTASSIUM TERT-<br>BUTOXIDE (for Synthesis) | Rev. No: 04            |
| Issue No: 05              |                                                                              | Review Date:17/03/2029 |
| Issue Date: 18/03/2026    |                                                                              | Product code: 2225     |

### PRODUCT PROPERTIES

|                    |                                  |
|--------------------|----------------------------------|
| C.A.S Number       | 865-47-4                         |
| Chemical Formula   | C <sub>4</sub> H <sub>9</sub> KO |
| Formula weight     | 113.22                           |
| Functional Uses    | For Laboratory uses.             |
| Standard Packaging | 100 gm,500 gm,25 kg              |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION             |
|-------------------|---------------------------|
| Appearance        | White to Off White Powder |
| Solubility        | Soluble in water          |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER                                    | SPECIFICATION |
|------------------------------------------------------|---------------|
| KOH+K <sub>2</sub> CO <sub>3</sub> calculated as KOH | NMT-4.0%      |
| Melting point                                        | 256.0-258.0°C |
| Potassium tert-butoxide assay<br>(w/w%)              | NLT 95.00%    |
| Assay                                                | NLT – 98.0%   |

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

