

Certificate of Analysis

Date of Testing: 2023-12-21 16:56:31
Date of Next Testing: 2027-12-20 16:56:31
Product Name: **Potassium biphthalate**
CAS Number: 877-24-7
Specifications & Purity: ACS,99.95-100.05%
Lot #: L2318094
SKU #: **P112246**
Analysis: **062944**

| Parameter | Limit Values | Result |
|---------------------------------------|--------------------------------------|--------------------------------------|
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.002 (%) | 0.00 % |
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Chloride (Cl-) | 0-0.003 (%) | 0.00 % |
| Purity (Titration by NaOH)(anhydrous) | 99.95-100.05 (%) | 100.02 % |
| PH(0.05M,Water,25°C) | 4-4.02 | 4.01 |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| Appearance (P112246) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager