

## Certificate of Analysis

Date of Testing: 2022-09-13 15:36:46  
Date of Next Testing: 2026-09-12 15:36:46  
Product Name: **Potassium biphthalate**  
CAS Number: 877-24-7  
Specifications & Purity: ACS,99.95-100.05%  
Lot #: I2208551  
SKU #: **P112246**  
Version: **0**  
Analysis #: **113455**

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 (%)	99.95 %
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



John Su  
QA & QC Manager