

Certificate of Analysis

Date of Testing: 2025-06-18 09:09:04
 Date of Next Testing: 2029-06-17 09:09:04
 Product Name: **Potassium hydrogen carbonate**
 CAS Number: 298-14-6
 Specifications & Purity: PharmPure™, pharmaceutical grade, ChP
 Lot #: F2511510
 SKU #: **P708366**
 Version: **1**
 Analysis #: **531757**

Parameter	Limit Values	Result
PH(5% in water)	≤8.6	8.57
carbonate (CO32-)	0-2.5 (%)	0.00000 %
Chloride Content	0-0.015 (%)	0.00000 %
Sulfate(SO42-)	0-0.015 (%)	0.00000 %
Ammonium(NH4)	0-0.002 (%)	0.00200 %
Loss on drying	0-0.3 (%)	0.30 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.5 (%)	0.07 %
Arsenic(As)	0-0.0002 (%)	0.00000 %
Endotoxin Level	0-2 (EU/mg)	0.03330 EU/mg
The Total Number of Aerobic Bacteria	0-1000 (cfu/g)	10.00 cfu/g
Mold and yeast count	0-100 (cfu/g)	10.00000 cfu/g
Purity(Titration by HCL)(dry basis)	99-101.5 (%)	99.96 %
solubility: 5% in H2O , Clear and colorless	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager