

Certificate of Analysis

Date of Testing: 2023-08-23 16:50:12
 Date of Next Testing: 2026-08-22 16:50:12
 Product Name: **Potassium chloride**
 CAS Number: 7447-40-7
 Specifications & Purity: puriss., meets analytical specification of Ph. Eur., BP, USP, FCC, E508, 99-100.5% (AT), ≤0.0001% Al
 Lot #: H2321643
 SKU #: **P433491**
 Analysis: **261585**

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.10 %
Aluminium(Al)	0-1 (ppm)	0.00000 ppm
Calcium(Ca)	0-50 (ppm)	0.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
Iron(Fe)	0-10 (ppm)	0.00 ppm
Magnesium(Mg)	0-50 (ppm)	0.00 ppm
Sodium(Na)	0-700 (ppm)	229.00 ppm
Lead(Pb)	0-2 (ppm)	0.00 ppm
Arsenic traces(MHS-AAS)	0-0.5 (ppm)	0.00 ppm
Mercury traces(AFS)	0-1 (ppm)	0.00000 ppm
Total sulfur as SO ₄ (ICP)	0-100 (ppm)	0.00 ppm
Assay(calc. to the dried substance)	99-100.5 (%)	100.48000 %
Bromide(Br)	0-1000 (ppm)	103.00000 ppm
Iodide (I-)	0-50 (ppm)	0.00000 ppm
Appearance(P433491)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Acidity or alkalinity	passes test	Passes test



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