

Certificate of Analysis

Date of Testing: 2022-03-11 14:11:24
Date of Next Testing: 2024-02-29 14:11:24
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: for molecular biology, $\geq 99.5\%$
Lot #: C2209217
SKU #: **P112143**
Analysis: **013045**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	99.99%
Heavy metal (as Pb)	0-5 (ppm)	0.01 ppm
Water by Karl Fischer	0-2 (%)	0.20%
Iron(Fe)	0-3 (ppm)	0.00 ppm
Appearance (P112143)	white powder	White powder
DNase, RNase and Protease	None Detected	none detected
Solubility in H ₂ O, 20G/150MLwater	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager