

Certificate of Analysis

Date of Testing: 2025-06-23 14:43:18

Date of Next Testing: 2027-06-13 14:43:18

Product Name: **Potassium chloride**

CAS Number: 7447-40-7

Specifications & Purity: for molecular biology, $\geq 99.5\%$

Lot #: F2517071

SKU #: **P112143**

Version: **0**

Analysis #: **533650**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	99.51 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-2 (%)	0.00 %
Iron(Fe)	0-3 (ppm)	0.00 ppm
Appearance (P112143)	White powder to crystal	White powder to crystal
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