

## Certificate of Analysis

Date of Testing: 2024-01-10 13:33:23  
Date of Next Testing: 2025-12-30 13:33:23  
Product Name: **Potassium chloride**  
CAS Number: 7447-40-7  
Specifications & Purity: for molecular biology,  $\geq 99.5\%$   
Lot #: A2408023  
SKU #: **P112143**  
**Analysis:** **080848**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	99.5-100.5 (%)	100.00 %
Heavy metal (as Pb)	0-5 (ppm)	3.00 ppm
Water by Karl Fischer	0-2 (%)	1.00 %
Iron(Fe)	0-3 (ppm)	2.00 ppm
Appearance (P112143)	white powder	White powder
DNase, RNase and Protease	None Detected	none detected
Solubility in H <sub>2</sub> O , 20G/150MLwater	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager