

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30256
Product	Potassium chloride for Molecular Biology
Lot Number	000878-7019091
CAS Number	7447-40-7
Molecular Formula	KCl
Molecular Weight	74.55
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Appearance	White crystalline powder
Solubility	Colorless solution (10% aq. solution)
Solubility (Turbidity)	Clear solution (10% aq. solution)
Heavy Metals	Lead (Pb) : < 0.0005%
Anion	Sulphate (SO ₄) : < 0.001% Iodide (I) : < 0.002%
Cation	Iron (Fe) : < 0.0002%
pH	5.3
UV Ratios	Absorbance (A) of 1M aq. solution in 1cm cell v/s water at 260 nm : 0.004 at 280nm : 0.003
Loss on Drying	0.1%
RNase, DNase, Protease	Not detected
Assay by titration	99.5%
Grade	Molecular Biology Grade
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager