

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01247
<b>Lot Number</b>	000996-0000035794
<b>Product</b>	<b>Potassium chloride</b>
<b>CAS Number</b>	7447-40-7
<b>Molecular Formula</b>	KCl
<b>Molecular Weight</b>	74.55

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<b>Appearance</b>	White granules
<b>Solubility</b>	Passes test (10 in 50)
<b>Heavy Metals</b>	< 0.001% (as Pb) (USP) < 5 mg/kg (as Pb) (FCC)
<b>Anion</b>	Bromide (Br-): < 0.1% (USP) Iodide (I-): < 0.005% (USP) Bromide and Iodide: Passes test (FCC)
<b>Cation</b>	Sodium (Na): Passes test (USP, FCC) Calcium and Magnesium: Passes test (USP)
<b>Acidity &amp; Alkalinity</b>	Passes test (No pink color then pink)
<b>Loss on Drying</b>	0.3% (105 °C)
<b>Assay by titration</b>	99.6% (Ag titration)
<b>Grade</b>	FCC, USP
<b>Application</b>	Used in nutritent; gelling agent; salt substitute; yeast food.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification A & B (USP, FCC)

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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**