

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00438
<b>Lot Number</b>	001920-03113
<b>Product</b>	<b>Potassium phosphate dibasic, anhydrous</b> Dipotassium hydrogen phosphate
<b>CAS Number</b>	7758-11-4
<b>Molecular Formula</b>	K <sub>2</sub> HPO <sub>4</sub>
<b>Molecular Weight</b>	174.18

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Very soluble in water
<b>Heavy Metals</b>	< 5 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.003% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.005%
<b>Cation</b>	Iron (Fe): < 0.001% Sodium (Na): 0.04% Nitrogen compounds (as N): < 0.001%
<b>pH</b>	9.12 (5% solution at 25 °C)
<b>Loss on Drying</b>	0.46%
<b>Insoluble material</b>	0.004%
<b>Assay by titration</b>	100.5%
<b>Grade</b>	ACS reagent
<b>Application</b>	Buffer solutions
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification: Passes test
<b>Remarks</b>	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