

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01755
<b>Lot Number</b>	001920-00613
<b>Product</b>	<b>Sodium phosphate dibasic heptahydrate</b>

Disodium hydrogen phosphate heptahydrate

<b>CAS Number</b>	7782-85-6
<b>Molecular Formula</b>	Na <sub>2</sub> HPO <sub>4</sub> •7H <sub>2</sub> O

<b>Molecular Weight</b>	268.1
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<b>Appearance</b>	White crystals
<b>Solubility</b>	Soluble in 4 parts of water.
<b>Heavy Metals</b>	< 0.001% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.001% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.005%
<b>Cation</b>	Iron (Fe): < 0.001%
<b>pH</b>	9.08 (5% solution at 25 °C)
<b>Insoluble material</b>	0.002%
<b>Assay by titration</b>	99.81%
<b>Grade</b>	ACS reagent
<b>Application</b>	Buffering agent.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification: Passes test

# *Certificate of Analysis*

**Catalog Number: 01755**

**Lot Number: 001920-00613**

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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**