

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30280
<b>Lot Number</b>	002154-2016-044
<b>Product</b>	<b>Nickel(II) acetate tetrahydrate</b>

<b>CAS Number</b>	6018-89-9
<b>Molecular Formula</b>	$\text{Ni}(\text{CO}_2\text{CH}_3)_2 \cdot 4\text{H}_2\text{O}$
<b>Molecular Weight</b>	248.84

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<b>Appearance</b>	Green monoclinic crystal
<b>Solubility</b>	Clear solution (10% in solution)
<b>Density</b>	1.744
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.0005% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): 0.005%
<b>Cation</b>	Cobalt (Co): 0.0039%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay</b>	99.20%
<b>Grade</b>	Pure
<b>Application</b>	Used in synthesis of polynuclear-nickel polyoxotungstate cluster compounds that are ideal for the design of molecular magnets
<b>Storage</b>	Store at RT

## ***Certificate of Analysis***

**Catalog Number: 30280**

**Lot Number: 002154-2016-044**

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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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**