

# Chem-Impex International, Inc.

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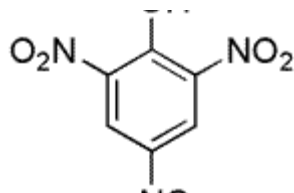
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	30138
<b>Product</b>	<b>Picric acid</b> 2,4,6-Trinitrophenol 2-Hydroxy-1,3,5-trinitrobenzene
<b>CAS Number</b>	88-89-1
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>3</sub> N <sub>3</sub> O <sub>7</sub>
<b>Molecular Weight</b>	229.11

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<b>Appearance</b>	Moist yellow powder
<b>Solubility</b>	1 g in 100 mL water
<b>Melting Point</b>	121 - 123 °C
<b>Anion</b>	Sulfate: ≤ 0.01%
<b>Water Content (Karl Fisher)</b>	≥ 30%
<b>pKa</b>	≤ 0.4
<b>Insoluble</b>	≤ 0.1% (in Toluene)
<b>Insoluble material</b>	≤ 0.01% (Resinous matter)
<b>Assay by titration</b>	98 - 101%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**