

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	44366
<b>Product</b>	<b>4-Phenyl-1,2,4-triazoline-3,5-dione</b> PTAD
<b>CAS Number</b>	4233-33-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	175.15

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<b>Warnings</b>	<i>Air sensitive! Heat sensitive!</i>
<b>Appearance</b>	Red to dark red to dark purple crystalline powder
<b>Melting Point</b>	165 - 170 °C
<b>Elemental Analysis (Found)</b>	N = 23.50 - 24.30 %
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	≥ 98%
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**