

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	21777
<b>Lot Number</b>	002085-2013112301
<b>Product</b>	<b>3-Aminophthalhydrazide monosodium salt</b>  3-Aminophthalhydrazide  5-Amino-2,3-dihydro-1,4-phthalazinedione sodium salt
<b>CAS Number</b>	206658-12-0
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>6</sub> N <sub>3</sub> NaO <sub>2</sub>
<b>Molecular Weight</b>	199.14

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<b>Appearance</b>	Pale white to light yellow powder
<b>Water Content (Karl Fisher)</b>	2.28%
<b>Loss on Drying</b>	1.82%
<b>Purity by HPLC</b>	98.4%
<b>Storage</b>	Store at 0-8 °C
<b>Additional Information</b>	Optimum fluorescence at wavelength 410 nm (60mM K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> , 100mM K <sub>2</sub> CO <sub>3</sub> , pH 11.7 solution)
<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