



## CERTIFICATE OF ANALYSIS

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### 1. Identification

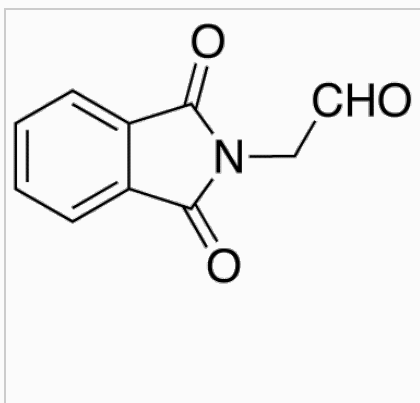
**Catalogue Number:** P384500

**CAS Number:** 2913-97-5

**Product:** Phthalimidoacetaldehyde

**Synonym:** 1,3-Dihydro-1,3-dioxo-2H-isoindole-2-acetaldehyde; N-(Formylmethyl)phthalimide; NSC 30242; 2-(1,3-Dioxo-1,3-dihydroisoindol-2-yl)acetaldehyde; 1,3-Dioxo-2-isoindolineacetaldehyde;

**Structure:**



**Molecular Formula:**

C<sub>10</sub>H<sub>7</sub>NO<sub>3</sub>

**Molecular weight:**

189.17

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly, Heated, Sonicated), Ethyl Acetate (Slightly)

**Lot Number:** 5-EQJ-21-5

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:** Not Determined

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Off-White Solid
Melting Point	Report Result	112 - 114°C
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.08, %H: 3.85, %N: 7.06
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.64%

**Additional Information:** NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Philip Chan	Rhonda Tu	Clarissa Santos	10/16/2018	10/14/2028