



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C427520

CAS Number: 16289-13-7

Product: Chloro Chlorthalidone

Synonym: 3-(3,4-Dichlorophenyl)-3-hydroxy-phthalimidine; Chlorthalidone Impurity G

Structure:



Molecular Formula:

C₁₄H₉Cl₂NO₂

Molecular weight:

294.13

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly), DMSO (Slightly)

Lot Number: 1-QFY-6-2

Purity: 93%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
HPLC Purity	Report Result	99.83% (205 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.86, %H: 3.05, %N: 3.69

Additional Information: Contains: ~3.5% Ethyl Acetate

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Sarbjit Kaur	Toni Rantanen	Chanell Chu	6/28/2022	6/26/2029