



CERTIFICATE OF ANALYSIS

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1. Identification

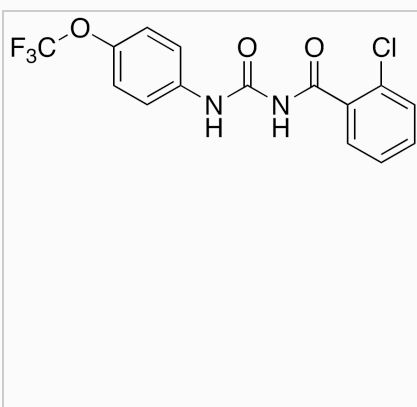
Catalogue Number: T779100

CAS Number: 64628-44-0

Product: Triflumuron

Synonym: 2-Chloro-N-[[[4-(trifluoromethoxy)phenyl]amino]carbonyl]benzamide; 1-(2-Chlorobenzoyl)-3-[4-(trifluoromethoxy)phenyl]urea; Alsystin; Alsystine; BAY-SIR 8514; BAY-Vi 7533; Baycidal; Starycide; Trifluron; N-(2-Chlorobenzoyl)-N'-[4-(trifluoromethoxy)phenyl]urea; OMS 2015; SIR 8514;

Structure:



Molecular Formula:

C₁₅H₁₀ClF₃N₂O₃

Molecular weight:

358.7

Source of Product:

N/A

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly),
Methanol (Slightly, Heated)

Lot Number: 21-XJZ-189-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Toxic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.09, %H: 2.41, %N: 7.70
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.35% (204 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 50.23, %H: 2.81, %N: 7.81

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
Eric Beaton	Toni Rantanen	My Nguyen	3/31/2020	3/29/2027
