



CERTIFICATE OF ANALYSIS

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1. Identification

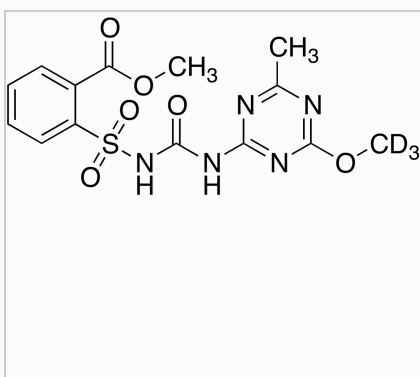
Catalogue Number: M227742

CAS Number: 2377723-88-9

Product: Metsulfuron-methyl-d3

Synonym: Accurate 60VG; Algrip; Allie SX; Ally; Ally 20DF; Ally XP; Brush-off; Cimarron; DPD 63760H; DPX 6376; DPX-T 6376; Escort; Escort (pesticide); Grench; Gropper; HCHA 92HA; Laren; MSM Turf; Metsulfuron-methyl; N-[(2-Methoxycarbonyl)phenyl]sulfonyl-N'-(6-methoxy-4-methyl-2-triazinyl)urea; Saber DF; Strech 60VP; T 6376; Zinger; Zinger WP

Structure:



Molecular Formula:

C₁₄H₁₂D₃N₅O₆S

Molecular weight:

384.38

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-VAM-131-2

Purity: 98%

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
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 43.55, %H: 4.05, %N: 18.03
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%
HPLC Purity	Report Result	98.47% (225 nm)

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.01%, d2 = 0.40%, d3 = 99.59%

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
swathi reddy	Toni Rantanen	Chanell Chu	11/6/2023	11/4/2027
