

Specification

Technical Data Sheet

CAS 120068-37-3	STORAGE Ambient	MOLECULAR WEIGHT 437.15
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PRODUCT**Fipronil**

Product number	89967775
CAS number	120068-37-3
Molecular formula	C ₁₂ H ₄ Cl ₂ F ₆ N ₄ O ₅
Molecular weight	437.15 g/mol

PARAMETER	SPECIFICATION
Appearance	White to Off-white crystalline powder
Assay	97.0 - 102.0%
Heavy metals	≤ 10ppm
Loss on Drying	≤ 0.5%
Melting Point	196 - 205°C
Identification (RAMAN)	Conforms to Reference
Residue on Ignition	≤ 0.2%
Specific optical rotation	-10° to +10°
Sulfide	≤ 0.2%
Sulfone	≤ 2.5%
Total Impurities	≤ 3.0%
Any other impurity	≤ 0.3%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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