

Certificate of Analysis

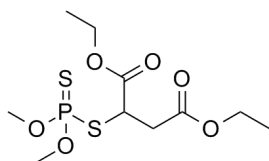
Product Name: Malathion
Cat. No.: HY-B0943
CAS No.: 121-75-5
Batch No.: 17255
Chemical Name: Butanedioic acid, 2-[(dimethoxyphosphinothioyl)thio]-, 1,4-diethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₁₉O₆PS₂
Molecular Weight: 330.36
Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): >98.0%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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