

NAC Standard

Product Information

Outline

Carbaryl is a wide-spectrum carbamate insecticide, which controls over 100 species of insects on citrus, fruit, cotton, forests, lawns, nuts, ornamentals, shade trees, and other crops, as well as on poultry, livestock, and pets. It is also used as a molluscicide and an acaricide. This product is a standard for pesticide residue analysis, it is for research use only. Do not administer it to human.

Catalog Number

CSPE0074

Size 100mg

Storage Condition

0-6°C

Use for

for Pesticide Residue Analysis

CAS

63-25-2

Molecular Formula

C₁₂H₁₁NO₂

Molecular Weight

201.22

Appearance

Colourless to light tan or white or grey solid crystal

Density

d₂₀ 1.232

Refractive Index

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1.5300 (estimate)

Purity

99.0+% (HPLC)

Flash Point

202.7°C

Compound

Carbaryl

Form	Crystalline
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Pka

12.02±0.46(Predicted)

Water Solubility

Insoluble. 0.00826 g/100 mL

Safety Information

GHS06,GHS08,GHS09,GHS02,GHS07

Melting Point:

142-146 °C(lit.)

Boiling point

315°C

Solubility

Moderately soluble in acetone, cyclohexanone, N,N-dimethylformamide (400–450 g/kg), and isophorone (Windholz et al., 1983; Worthing and Hance, 1991)
