



Europa Bioproducts Ltd

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Azomethine H

Item#	Unit Size
A015-10	5 g
A015-12	25 g

Chemical Name: 8-Hydroxy-1-(salicylideneamino)-3,6-naphthalenedisulfonic acid, disodium salt

CAS: 32266-60-7 (free acid)

Appearance: Yellowish-orange or yellowish-brown crystalline powder

Absorbance (B complex): ≥ 0.900 (around 413 nm)

MW: 467.38, $C_{17}H_{11}NNa_2O_8S_2$

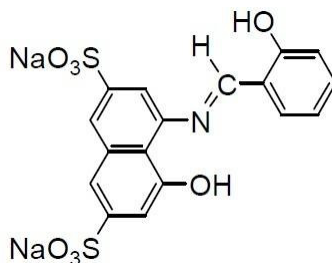
Storage Condition: ambient temperature, protect from light

Shipping Condition: ambient temperature

Product Description

Azomethine H is a colorimetric reagent for boron detection; it forms an orange complex with boron in aqueous solution. The molar absorptivity of this complex is 1.01×10^4 at 415 nm. The detection range of boron in sample solutions is 1-6 μg per ml. To detect boron in plant samples, EDTA is used to mask copper, iron, and aluminum ions. Azomethine H is used to detect microgram levels of boron in glass and steel samples.

Chemical Structure



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CERTIFICATE NO. 32423