



VITAROSUS™ B8

Technical Data Sheet

Summary

VITAROSUS™ B8 is a naturally occurring water-soluble vitamin-like compound belonging to the vitamin B complex. With a mild sweetness, VITAROSUS™ B8 plays a crucial role in cellular signaling, metabolism, and overall health and is widely utilized in medicine, functional foods, and dietary supplements.

Product Information

Chemical name: Inositol

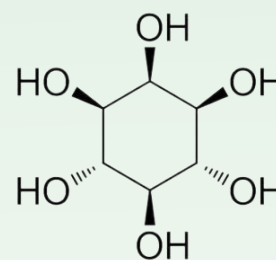
Formula weight: 180.16

CAS number: 87-89-8

Raw material source: Non animal

Molecular formula: C₆H₁₂O₆

Reference standard: USP43-NF38



Product Specification

Item	Standard	Item	Standard
Clarity of solution	The sample solution is as clear as distilled water	Water, %	≤ 0.5
Color of solution	Conform	Conductivity, μS/cm	≤ 20
Identification	Positive response	Lead (Pb), mg/kg	≤ 0.5
Barium (Ba)	Conform	Total plate count, CFU/g	≤ 1000
Individual impurities, %	≤ 0.3	Mould and Yeast, CFU/g	≤ 100
Total impurities, %	≤ 1.0	E.Coli, CFU/g	< 10
Assay, %	97.0~102.0	Salmonella, /25g	Negative

Solubility

VITAROSUS™ B8 is soluble in water, slightly soluble in ethanol, insoluble in ether.

Condition of storage

Store in a sealed manner and prevent from sunlight, rain, and moisture. It is strictly forbidden to store together with toxic and harmful substances.

Packaging

25kg/drum.

Outer packaging material: full-paper drum.

Inner packing material: PE inner film bag.

Shelf life

The shelf life of the product is 48 months under the condition that the storage and transportation conditions are met, the packaging is complete, and the product is not opened.