

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

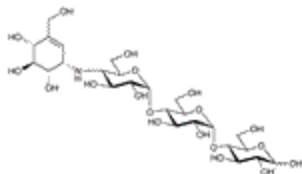
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 32402

Product

Acarbose hydrate

4',6'-Dideoxy-4'-([1S]-[1,4,6/5]-4,5,6-trihydroxy-3-hydroxymethyl-2-cyclohexenylamino)-maltotriose

Prandase

CAS Number 56180-94-0

Molecular Formula C₂₅H₄₃NO₁₈•xH₂O

Warnings

Hygroscopic

Appearance

White to light yellow amorphous powder

Appearance of Solution

The solution should be clear, the absorbance at 425nm wavelength is not greater than 0.15

Solubility

Easily soluble in water, soluble in methanol, almost insoluble in dichlorosilane

Odor

Odorless

Heavy Metals

≤ 20 ppm

Water Content (Karl Fisher)

≤ 10%

pH

5.5 - 7.5

Mould and Yeast

≤ 100 cfu/g (Mould)

Optical Rotation

[α]²⁰_D = 168 - 183 °

Infrared Spectrum

Conforms to structure

Microbial Count

≤ 1000 cfu/g (TPC)

Product Specifications

Catalog Number: 32402

Related Substances	Impurity A : $\leq 0.6\%$ Impurity B : $\leq 0.5\%$ Impurity C : $\leq 1.5\%$ Impurity D : $\leq 1.0\%$ Impurity E : $\leq 0.2\%$ Impurity F : $\leq 0.3\%$ Impurity G : $\leq 0.3\%$ Impurity H : $\leq 0.2\%$ Single impurity : $\leq 0.2\%$ Total impurities : $\leq 3\%$
Residue On Ignition	$\leq 0.2\%$
Purity by HPLC	95 - 102%
Application	Store away from oxidizing agents, sources of ignition.
Storage	Store at RT
Additional Information	Taste : Slightly sweet

For Laboratory Use Only