



SPECIFICATION

Acarbose

Product Code:	OA00002
Synonyms:	0.4,6-Dideoxy-4-[[[1S-(1a,4a,5a,6a)]-4,5,6-trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1-yl]amino]-a-D-glucopyranosyl-1,4-O-a-D-glucopyranosyl-1,4-D-glucose
CAS Number:	56180-94-0
Chemical Formula:	$C_{25}H_{43}NO_{18}$
Molecular Weight:	645.62

TECHNICAL SPECIFICATION

Appearance:	White to yellowish powder
Assay (on anhydrous basis):	min 95.0%
Specific optical rotation $[\alpha]_D$	$+175.5 \pm 7.5^\circ$ 20.
Water content:	max 4.0%
Heavy metals:	max 20ppm
Sulfated ash:	max 0.2%
Impurity A:	max 0.6%
Impurity B:	max 0.5%
Impurity C:	max 1.5%
Impurity D:	max 1%
Impurity E:	max 0.2%
Impurity F:	max 0.3%
Impurity G:	max 0.3%
Impurity H:	max 0.2%
Any other impurities:	each max 0.2%
Total Impurities:	max 3%
Bacteria:	max 1000cfu/g
Mould:	max 100cfu/g

Carbosynth



Escherichia coli:

None