

Specification

Formula Hill: $C_7H_{14}O_6$
Molar Mass: 194.18 g/mol
CAS N°: 10284-63-6

110290 D-Pinitol

	Specification
Assay (HPLC)	$\geq 98.0 \%$
Appearance (colour)	white to off-white
Appearance (form)	powder
Melting temperature	178 - 185 °C
Specific rotation (sol. 10% water)	$\leq 55.0^\circ$
Heavy metals (as Pb)	$\leq 0.0002 \%$
As (Arsenic)	$\leq 0.0002 \%$
Loss on drying (110°C)	$\leq 1.0 \%$
Residue after ignition	$\leq 1.0 \%$
Escherichia coli in 1g	negative
TAMC (total aerobic microbial count)	$\leq 10000 \text{ cfu/g}$
TYMC (total yeast & mould count)	$\leq 100 \text{ cfu/g}$

This data sheet is representative of the current specifications for this product at the time of printing.
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..