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Product Specifications

Catalogue Number	42367
Product	D-Threose (contains 35% water at maximum)
CAS Number	95-43-2
Molecular Formula	C ₄ H ₈ O ₄
Molecular Weight	120.1

Warnings	<i>Heat sensitive!</i>
Appearance	Colorless, light orange or yellow clear liquid
Solubility	Soluble in water. Slightly soluble in alcohol. Insoluble in ether
Water Content (Karl Fisher)	≤ 35%
Optical Rotation	$\alpha_{D}^{20} = -13$ to -10 ° (C=2 in H ₂ O (calcd.on anh.substance))
Purity by HPLC	≥ 97%
Storage	Store at 2 - 8 °C

For Laboratory Use Only