

PRODUCT SPECIFICATION

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Catalog : XY110

Xylose, USP

CAS# : 58-86-6

Formula : C₅H₁₀O₅

Formula Weight : 150.13

Test

Limit Min. Max.

ASSAY (C ₅ H ₁₀ O ₅)	98.0 - 102.0 %
SPECIFIC ROTATION [α] _D	+18.2 TO+19.4
COLOR OF A 10% SOLUTION	-- TO PASS TEST
LOSS ON DRYING	-- 0.1 %
RESIDUE ON IGNITION	-- 0.05 %
IRON (Fe)	-- 5 PPM
HEAVY METALS (as Pb)	-- 0.001 %
CHROMATOGRAPHIC IMPURITIES	-- TO PASS TEST
IDENTIFICATION	-- TO PASS TEST
RETEST DATE	
RESIDUAL SOLVENTS	-- TO PASS TEST