



**GMP & ISO 9001 Quality System Certified Organization**  
**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

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## CERTIFICATE OF ANALYSIS

**Name of Item:** D-XYLOSE (purified) **Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
 (reactant for biochemical identification & culture media additive)

**M.W.:** 150.13

**Batch No.:**

**CAS NO.:** 58-86-6

**Cat. No.:** UP4395

**Date of Mfg.:**

**Date of Analysis:**

Type of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Acidity	Passes test	Passes test
Specific rotation [ $\alpha$ ] D <sub>20</sub> (10% w/v solution containing 0.4% v/v of 5M ammonia)	+18.5° to +19.5°	+19.5°
Loss on drying at 100°C	<0.5%	0.4%
Sulphated ash	<0.1%	<0.1%
Chloride (Cl)	<0.033%	0.02%
Lead (Pb)	<0.001%	<0.001%

**Results :** The above product complies with LR grade