

Product Name: L-(+)-Rhamnose monohydrate, 98+%
Catalog Number: A16166.06

CAS Number: 10030-85-0
IUPAC Name: (2R,3R,4R,5R,6S)-6-methyloxane-2,3,4,5-tetrol
Molecular Formula: C₆H₁₂O₅
Molecular Weight: 164.16
InChI Key: SHZGCJCMOBCMKK-HGVZOGFYSA-N
SMILES: C[C@@H]1O[C@@H](O)[C@H](O)[C@H](O)[C@H]1O
Synonym: α-L-rhamnopyranose α-L-mannomethylose α-6-deoxy-L-mannose α-L-rhamnose
α-L-rha

Product Specification

Appearance (Color): White
Form: Crystals or powder or crystalline powder
Water Content (Karl Fischer Titration): 5.2-14.13% (0.5-1.5 waters)
Optical Rotation: 8.0 ± 1.0° (c=10 in water, 20hrs)
Identification (FTIR): Conforms
Melting Point (clear melt): 88.0-97.0°C
Assay (HPLC): ≥98.0%

Date Of Print: 06/08/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.