

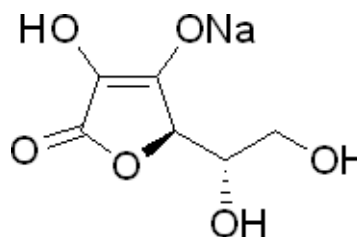
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Product Specification

Product Name:
(+)-Sodium L-ascorbate – powder, BioReagent, suitable for cell culture

Product Number: **A4034**
CAS Number: 134-03-2
MDL: MFCD00082340
Formula: C₆H₇NaO₆
Formula Weight: 198.11 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Infrared spectrum	Conforms to Structure
Sodium (Na)	10.8 - 12.8 %
Purity (TLC)	≥ 98 %
Cell Culture Test	Pass
Recommended Retest Period	-----
5 years	
Specific Rotation	103 - 108 °
C = 1 in CO ₂ free H ₂ O at 25 deg. C	
Titration with Iodine	≥ 98 %

Specification: PRD.1.ZQ5.10000006259

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.