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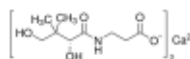
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## Product Specification

Product Name:

Calcium pantothenate - meets USP testing specifications, monograph mol wt. 476.53 (C<sub>18</sub> H<sub>32</sub> CaN<sub>2</sub>O<sub>10</sub>)

**Product Number:** C8731  
**CAS Number:** 137-08-6  
**MDL:** MFCD00002766  
**Formula:** C<sub>9</sub>H<sub>16</sub>NO<sub>5</sub> · 0.5Ca  
**Formula Weight:** 238.27 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Identity	Pass
Specific Rotation	25.0 - 27.5 °
Loss on Drying	≤ 5.0 %
Alkalinity	Pass
Calcium (Dry Basis)	8.2 - 8.6 %
Residual Solvents	Meets Requirements
Assay (Dry Basis)	98.0 - 102.0 %
Recommended Retest Period	-----
6 years	

Specification: PRD.1.ZQ5.10000028405

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](http://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.