

## PRODUCT SPECIFICATION

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**Catalog :** CA159

Calcium Pantothenate, Powder, USP

**CAS# :** 137-08-6

**Formula :** C<sub>18</sub>H<sub>32</sub>CaN<sub>2</sub>O<sub>10</sub>

**Formula Weight :** 476.53

**Test**

**Limit**  
**Min.    Max.**

Test	Limit Min.    Max.
NITROGEN CONTENT (N; DRIED BASIS)	5.7 - 6.0 %
CALCIUM CONTENT (Ca; DRIED BASIS)	8.2 - 8.6 %
SPECIFIC ROTATION [ $\alpha$ ] <sub>D</sub>	+25.0 TO+27.5
LOSS ON DRYING	-- 5.0 %
ALKALINITY	--TO PASS TEST
HEAVY METALS	-- 0.002 %
ORDINARY IMPURITIES	-- 1.0 %
IDENTIFICATION	--TO PASS TEST
CERTIFIED KOSHER	
EXPIRATION DATE	
RESIDUAL SOLVENTS	--TO PASS TEST