



Anhui Tiger Biotechnology Co.,Ltd

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TECHNICAL DATA SHEET

Name: D-Calcium Pantothenate

Molecular Formula: $C_{18}H_{32}CaN_2O_{10}$

Molecular Weight: 476.53

CAS No.: 137-08-6

Item	Standard of GB/T7299-2006
APPEARANCE	White powder, odorless, slightly hygroscopic
IDENTIFICATION	Color reaction 1: add copper sulfate solution to show blue purple Color reaction 2: add iron trioxide solution to show a bright yellow Identification of calcium salts: positive Infrared identification: it is consistent with the NO. 208 figure of spectral set
ASSAY (in dry products)	98.0%~101.0%
CALCIUM CONTENT (in dry products)	8.2%~8.6%
SPECIFIC ROTATION	+25.0°~+28.5°
Heavy Metal (as Pb)	≤0.002
LOSS ON DRYING	≤5%
METHANOL	≤0.3%

Package: In drum or carton of 25KG each

Storage: store in cool, dry and well closed place

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