



CERTIFICATE OF ANALYSIS

D-CALCIUM PANTOTHENATE USP

TEST	SPECIFICATIONS
DESCRIPTION	WHITE POWDER
IDENTIFICATION	
A. INFRARED ABSORPTION 197K	CONCORDANT WITH THE REFERENCE SPECTRUM
B. A SOLUTION (1 IN 20) RESPONDS TO THE TEST FOR CALCIUM	CONFORMS TO USP
SPECIFIC OPTICAL ROTATION	+25.0° - +27.5°
ALKALINITY	NO PINK COLOR IS PRODUCED WITHIN 5 SECONDS
LOSS ON DRYING	NOT MORE THAN 5.0%
HEAVY METALS	NOT MORE THAN 0.002%
ORDINARY IMPURITIES	NOT MORE THAN 1.0%
ORGANIC VOLATILE IMPURITIES	MEET THE REQUIREMENTS
NITROGEN CONTENT	5.7% - 6.0%
CONTENT OF CALCIUM	8.2 – 8.6%