



# SUDARSHAN PHARMA INDUSTRIES LTD

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Date: 05.08.2020

## CERTIFICATE OF ANALYSIS

### CALCIUM D-PANTOTHENATE

(FEED GRADE)

**BATCH NO.: CDP / 19082020**

**Mfg. DATE: AUG 2020**

**EXP. DATE: JULY 2023**

**Net Qty.: 25 kgs**

SPECIFICATION	TEST	RESULTS
assay	98.0-101.0 %	99.2%
impurity content	1.0%	1.0%
nitrogen content	5.7-6.0%	5.8%
calcium content	8.2-8.6%	8.5%
specific rotation	+25° to +27.5°	+26°
alkalinity	normal reaction	PASSES
loss on drying	5.0% max	PASSES
heavy metals	20ppm max	PASSES
organic volatility impurity	accord with the test	PASSES

Storage: to keep in a dry, cool and off-light place, if it is stored at below 20° C

ANALYSED BY