

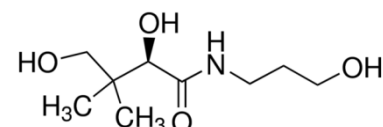


Product Specification

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D-PANTOTHENOL

PRODUCT CODE	183835
SYNONYMS	D-Pantothenyl alcohol.
C.I. NO.	--
CASR NO.	81-13-0
ATOMIC OR MOLECULAR FORMULA	C₉H₁₉NO₄
ATOMIC OR MOLECULAR WEIGHT	205.26
PROPERTIES	--



PARAMETER	LIMIT
Description	Clear colourless to slightly yellow viscous liquid or semi solid.
Solubility	Miscible with water and alcohol.
Minimum assay (NT)	99.0%
Boiling point	118-120 °C
Specific optical rotation (α) _D (c=5H ₂ O)	+29 ° to +32 °
Refractive Index at 20 °C	1.4950 to 1.5020

MAXIMUM LIMIT OF IMPURITIES

Water (K.F)	1%
Heavy metals (as Pb)	0.02%
Sulphated ash	0.1%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: - Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal : -----

Hazard Pictogram(s) :-----

IMDG Code :--

UN No. :--

IATA :--

Replace date 29-May-2023