



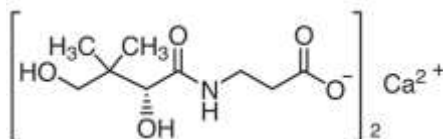
Certificate of Analysis.

Calcium D-Pantothenate reference standard according to USP, AnStan[®].

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|-------------------|--|
| Product code: | BS13728. |
| Description: | Calcium D-Pantothenate reference standard according to USP, AnStan[®]. |
| Chemical Name: | D-Pantothenic Acid Calcium Salt. |
| Pack: | 5 gm. |
| CAS NO.: | 137-08-6. |
| Mol. Weight: | 476.54 g/mol. |
| Mol. Formula: | C₁₈H₃₂CaN₂O₁₀. |
| MDL Number: | MFCD00002766. |
| Melting point: | 196°C. |
| Boiling Point: | 551.5°C. |
| Density: | 1.266g/cm³. |
| Solubility: | Soluble in water. |
| Storage: | Store at ambient temperature. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot specific. |
| Expiry Date: | 5 years. |

| Test | Specification | Measured Values |
|-------------------------|----------------------------|----------------------|
| Appearance: | White powder to crystal. | Lot specific. |
| Identification by NMR: | Confirms to the structure. | Lot specific. |
| Identification by MASS: | Confirms to the structure. | Lot specific. |
| Identification by IR: | Confirms to the structure. | Lot specific. |
| Purity: | >99%. | Lot specific. |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




Dr. K. Deepti.
Technical Head.

