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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Calcium pantothenate EP Impurity E**

### Identification:

Chemical Name: 3-[3-[(2R)-2,4-Dihydroxy-3,3-dimethylbutanamido]propanamido]propanoic acid (as per EP)

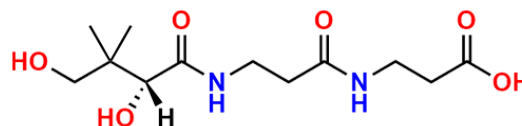
Synonyms :  $\beta$ -alanyl pantothenamide

CAS Number : 897045-90-8

CAT Number : CP-C119003

Molecular Formula : C<sub>12</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight : 290.32



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.