

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00047
<b>Lot Number</b>	000854-982900880
<b>Product</b>	<b>D-Calcium pantothenate</b>

Vitamin B<sub>5</sub>

D-Pantothenic acid calcium salt

<b>CAS Number</b>	137-08-6
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub>
<b>Molecular Weight</b>	476.54

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<b>Elemental Analysis (Found)</b>	Nitrogen content: 5.9%
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Calcium: 8.4%
<b>Yeast and Mold</b>	< 100 CFU/g
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +27.2°
<b>Loss on Drying</b>	2.3%
<b>E. Coli, Salmonella, S.Aureus</b>	Negative
<b>Assay</b>	99.8%
<b>Grade</b>	USP/EP/FCC
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Ordinary impurities: < 1% Alkaloid: Passes Aerobic Plate Count: < 1000 CFU/g Bile Tolerance Gram: < 100 CFU/g

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**