



Certificate of Analysis

Prohexadione Calcium

Catalog Number: PC1009
Lot Number: 0111601
CAS Number: 127277-53-6
Synonym(s): 3,5-Dioxo-4-propionyl-cyclohexanecarboxylic acid calcium salt
Molecular Formula: $C_{10}H_{10}CaO_5$
Molecular Weight: 250.26
Storage: 15°C – 30°C
Date of Manufacture: October 10, 2015
Retest Date: October 9, 2017

Test	Specification	Result
Appearance	Yellow to light brown powder	Conforms
Assay	≥ 95%	96.91%
Moisture (LOD)	≤ 5.0%	3.28%
Ash	≤ 5.0%	2.07%
Heavy Metals	≤ 10ppm	< 10ppm
Arsenic	≤ 2ppm	< 2ppm
Cadmium	≤ 0.5ppm	< 0.5ppm
Lead	≤ 2ppm	< 2ppm
Mercury	≤ 0.5ppm	< 0.5ppm
Total Plate Count	≤ 1,000cfu/g	98cfu/g
Yeast & Mold	≤ 100cfu/g	24cfu/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Sieve Analysis	100% thru 80mesh	Conforms

Approved by:

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