Actives

BEAUTICS LABORATORIES

CERTIFICATE OF ANALYSIS

L-Pyrrolidone Carboxylic Acid (PCA)

CAT NO. EG-RM-PCA-1-250 gm

BATCH NO. PLG-AAD001-2601

STABILITY
Date of Manufacture: 27/04/2026
Re-Test Before: 28/04/2028

DESCRIPTION White to off-white crystalline powder

TRANSPORTATION Ingredients don't need refrigeration during transportation for 24 hours with avoidance of direct sunlight.

STORAGE AND SHELF-LIFE Min. 24 months if stored dry in closed original packing at temperature 15-25°C. Sealed, protect from light and moisture. Rapid and substantial changes in ambient temperatures during storage and handling.

PACKAGING 250 gm, 500 gm, 1Kg packages
(Bulk Amounts Available on Request)

AVAILABLE ON REQUEST	
MICROBIOLOGICAL ANALYSIS	
Total Bacterial Count	Salmonella spp
Bile-tolerant Gram-negative	S. Aureus
Bacteria E. coli	Yeasts and Molds
OTHER ANALYSIS	
Heavy Metals	Allergens
Salts and Ashes	Fats
Carbohydrates	Solubility



CHEMICAL CHARACTERISTICS

Active Ingredients	Specs.	Method	Result
Assay as (PCA)	≥98.0% (HPLC)	MOA-HPLC-04	Conforms
Identity (LC-MS)	Matches theoretical MW ± 0.5 Da (129.11 g/mol)	MOA-LC-ESI-MS-05, positive mode	Conforms (129.11 g/mol)
Moisture	≤0.5% (KF)	In house-MOA-MOIST-05	0.2%
Solubility in water	Soluble	In house-MOA-SOL-03	Conforms
PH	2.1–2.5	In house-MOA-PH-07	2.1
Odor	Odorless	In house-MOA-ODR-06	Conforms
Color	White to off-white	In house-MOA-OVL-06	Conforms
In-active Ingredients	**E-number**	**Specs**	**Function**
Potassium Sorbate	E 202	In-house	preservatives

Submission and Validation

Submitted by:	Reviewed by:	Approved by:
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