Actives

BEAUTICS LABORATORIES

CERTIFICATE OF ANALYSIS

Sodium Pyrrolidone Carboxylate (Na-PCA)

CAT NO. EG-RM-NPCA-1-1 L

BATCH NO. PLG-AAD002-2601

STABILITY Date of Manufacture: 27/05/2026
Re-Test Before: 28/05/2028

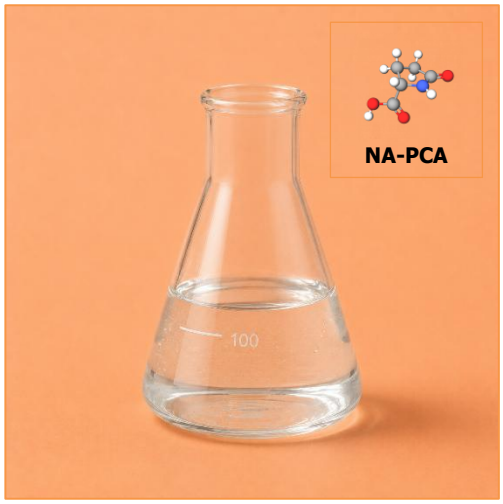
DESCRIPTION Clear transparent semi-viscous liquid

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 <25°C, moisture-resistant container; highly hygroscopic — store desiccated.
Rapid and substantial changes in ambient temperatures during storage and handling.

PACKAGING 1 L 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 (Na-PCA)	48-52%(HPLC)	MOA-HPLC-04	52.36%
Identity (LC-MS)	Matches theoretical MW ± 0.5 Da (151.10 g/mol)	MOA-LC-ESI-MS-05, positive mode	Conforms (151.10 g/mol)
Moisture	≤1% (KF)	In house-MOA-MOIST-05	1%
Solubility in water	Soluble	In house-MOA-SOL-03	Conforms
PH	6.5–7.5	In house-MOA-PH-07	6.5
Odor	Odorless	In house-MOA-ODR-06	Conforms
Color	Clear transparent	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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