



M/s. Bimal Pharma Pvt. Ltd., Mumbai, India
 (ISO 9001 : 2015 & AEO T1 Certified Co.)
 Website : www.sorbicsorbatesindia.com

URS : UKAS



Cert. No.: 110661/A/0001/UK/En

M/S. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : Ethyl Lauroyl Arginate HCL, E-243 (Food Preservative)
MSDS No. : BPPL 210 (Available on Request)	SPECIFICATION No. : FP- 210 (Enclosed)

1. **NOMENCLATURE** : Lauroyl Arginate Ethyl Ester HCL.
: N2 – (1-Oxododecyl) – L-Arginine Ethyl Ester Hydrochloride.
2. **CAS NO.** : 60372-77-2
3. **HSN CODE** : 29224990
4. **EMPIRICAL FORMULA** : $C_{20}H_{41}N_4O_3Cl$
($C_{20}H_{40}N_4O_3 \cdot HCL$)
5. **MOL. WT.** : 421.02
6. **STRUCTURAL FORMULA** :
7. **DESCRIPTION** : White Powder.
: No Taste or Odour.
: Soluble in Glycerol and in Ethanol
: Slightly soluble in Water.
8. **APPLICATIONS** : As a Food Preservative, in Raw Meat, Poultry, Fish, Cheese, Beverages, Soups etc.
: As a preservative in personal care products, in Soaps, Shampoos, Deodorants.
: In Oral care products.

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1. **DESCRIPTION** : White Powder.
: No Taste or Odour.
2. **SOLUBILITY** : Soluble in Glycerol and in Ethanol.
: Slightly soluble in Water.
3. **MOISTURE CONTENT** : Less than 5.0 %
4. **pH (1% Titrimetric Solution)** : 3.0 to 5.0
5. **CONTENT** : 85.0 % to 95.0 %
6. **ARSENIC (As)** : NMT 3 ppm
7. **HEAVY METALS (Pb)** : NMT 1 ppm
8. **ASH** : NMT 2.0%
10. **MERCURY (Hg)** : NMT 1 ppm
11. **CADMIUM** : NMT 1 ppm



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12. LAURIC ACID : < 5.0 %

10. NA-LAUROYL-L-ARGININE : < 3.0 %

11. ETHYL LAURATE : < 3.0 %

12. L-ARGININE .HCL : < 1.0 %

13. ETHYL ARGININE .2HCL : < 1.0 %



ETHYL LAUROYL ARGINATE (ELA)