



PRODUCT INFO  
& DATASHEET

# ***L-LYSINE Mono HCl***

***min. 99% Feedgrade***  
***Origin: Indonesia***

## **DESCRIPTION**

L-Lysine Monohydrochloride 99% feedgrade.

## **APPEARANCE**

Cream coloured, free flowing crystals or crystalline powder

## **CHEMICAL DESCRIPTION**

- Structure formula :

$(\text{NH}_3\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH-COO}^-)\cdot\text{Cl}^-$

$\text{NH}_3^+$

- Chemical formula :  $\text{C}_6\text{H}_{14}\text{N}_2\text{O}_2\cdot\text{HCl}$   
- Molecular weight : 182.65

## **ORIGIN**

Indonesia

## **PACKAGING**

- standard : 25 kg 4-ply kraft paperbag with 1-ply inner PE tube, 17 ton/20ft container (loose bags)  
- Jumbo : 700 kg PP woven bag 1-ply inner PE tube

## **SPECIFICATIONS**

<u>Items</u>	<u>Specifications</u>
- Assay :	
* Purity (dry basis)	not less than 99%
* L-lysine content	not less than 79%
* Crude protein content	not less than 94.4%
* Humidity	less than 1%
- pH (5% solution) :	5-6
- Residue on ignition :	not more than 0.3%
- Heavy metals :	not more than 10 ppm
- Arsenic :	not more than 1 ppm
- E. colli, Salmonella :	NIL
- Solubility :	64.2 g/100 ml of water at 20dgr. C.
- Bulk density :	0.630-0.640 gr/cm <sup>3</sup>

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