

# Carbocisteine Lysine

## Product Name

Carbocisteine Lysine salt monohydrate

## Documentation

DMF

## Certifications

WC

## Typical Properties

Analysis	Specification	
Appearance and color	White to slightly yellow powder	
Solubility	Freely soluble in water diluted hydrochloric acid and diluted sodium hydroxide and practically insoluble in ethanol, methanol and chloroform	
Identification	IR test TLC test	
Water	4.0% - 6.0%	
pH	6.3 - 7.3	
Loss on drying	4.0% - 6.0%	
Specific optical rotation	- 15.2° ~ -13.2°	
Residue on ignition	≤ 0.1%	
Heavy metals	≤ 10 ppm	
Melting point	177.0°C - 181.0°C	
Assay	98.0% - 101.0%	
Transmittance at 400 nm	≥ 70%	
Specific optical rotation	-15.2° ~ 13.2°	
L-cysteine	≤ 0.5%	
L-cystine	≤ 0.10%	
Related Substances	Impurity DF1247	≤ 0.20%
	Impurity DF1860	≤ 0.30%
	Unspecified Impurity	≤ 0.20%
	Total Impurities	≤ 0.50%
Residual Solvents	Ethanol	≤ 1000 ppm

The information presented above is believed to be accurate. However, said information and products are offered without warranty or guarantee, since the ultimate conditions of use and the variability of the materials treated are beyond our control.