

PRODUCT DATA SHEET

DL-Arginine monohydrochloride monohydrate

CAS No. [32042-43-6]

$C_6H_{14}N_4O_2 \cdot HCl \cdot H_2O$

M.W.: 228.68

SPECIFICATION:

Solubility in water	:	Colorless and clear (c=5) T \geq 97.0% (430nm, 10mm)
Loss on drying	:	not more than 0.3 %
Residue on ignition (as sulfate)	:	not more than 0.1 %
Sulfate (SO ₄)	:	not more than 0.03 %
Heavy metals (as Pb)	:	not more than 10 ppm
Iron (Fe)	:	not more than 10 ppm
Ammonium salts (NH ₄)	:	not more than 0.02 %
Arsenic (As)	:	not more than 1 ppm
Other amino acids	:	not detected by T.L.C. (The spotted amount, 20 μ g)
Assay	:	98.5 – 101.0 %