

**PRODUCT SPECIFICATION**

**Printed:** 2/10/2014

**Catalog :** A1334

Arginine, USP

**CAS# :** 74-79-3

**Formula :** C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>

**Formula Weight :** 174.20

Test	Limit	
	Min.	Max.
ASSAY (DRIED BASIS)	98.5	101.5 %
SPECIFIC ROTATION [ $\alpha$ ] <sub>D</sub>	+26.3	+27.7
LOSS ON DRYING	--	0.5 %
RESIDUE ON IGNITION	--	0.3 %
CHLORIDE (Cl)	--	0.05 %
SULFATE	--	0.03 %
IRON (Fe)	--	0.003 %
HEAVY METALS	--	0.0015 %
CHROMATOGRAPHIC IMPURITIES	--	TO PASS TEST
IDENTIFICATION	--	TO PASS TEST
EXPIRATION DATE		
RESIDUAL SOLVENTS	--	TO PASS TEST