L-Ascorbic acid AR

(Product code-13605)

General:

Description	A white crystalline powder
CAS No.	50-81-7
Molecular Formula	$C_8H_8O_6$
Formula weight	176.13
Other names	Vitamin-C

Specification:

No	Specification	Unit	Limit
1	Physical form		A white crystalline powder
2	Assay (Iodometric)	%	99.7 min
3	Specific rotation 10% solution	-	$+20.5^{o}$ to $+21.5^{o}$
4	Water insoluble matter	%	0.003 Max
5	Loss at 300˚C	%	0.1 Max
6	Sulphated ash	%	0.05 Max
7	Chloride (Cl)	%	0.005 Max
8	Sulphate (SO_4)	%	0.002 Max
9	Copper (Cu)	%	0.0005 Max
10	Iron (Fe)	%	0.0002 Max
11	Heavy metals (Pb)	%	0.0005 Max

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