

INSOLENT [LABS]

ASCORBIC ACID (VIT C)

PRODUCT SPECIFICATION

Product Name	INCI Name	EINECS Number	CAS Code
ASCORBIC ACID (VIT C)	ascorbic acid	200-066-2	50-81-7
Characteristic	White or almost crystalline powder or colourless crystals		
Identification	Positive reaction		
Melting point	About 190I		
Specific rotation	+20.5° ~ +21.5°		
pH	2.1 ~ 2.6 (in 5% solution) 2.4 ~ 2.8 (in 2% solution)		
Residue on ignition	≤0.1%		
Assay	99.0% ~ 100.5%		
Loss on Drying	≤0.15%		
*Heavy metals	≤10ppm		
Lead	≤2ppm		
Mercury	≤0.1ppm		
Clarity of solution	Clear		
Color of solution	≤BY7		
Impurity E	≤0.3%		
Copper	≤5ppm		
Iron	≤2ppm		
Arsenic	≤1ppm		
Cadmium	≤1ppm		
Residual solvents	Meets requirement		

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Total viable count	1000 CFU/g
Yeasts	100 CFU/g
Moulds	100 CFU/g
E. coli (inc E coli 0157)	Negative