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Product L-ASCORBIC ACID "DC 97% SF" (HPMC)

Batch 042104901-13 / 2115859001
Mfg.date 14/04/2021 Exp.date/Retest date 13/07/2023

	SPECIFICATIONS	RESULT
Appearance	Granular Powder	Granular Powder
Colour	White or yellowish-white	White or yellowish-white
Clarity of solution		
Identification	Positive	Positive
Assay(%)	96,0-98,0	97,9
Loss on drying(%)	0,20 max.	0,10
Residue on ignition(%) (*)	0,10 max.	0,04
Heavy metals(as Pb)(ppm)	3 max.	<3
Arsenic(ppm) (*)	1 max.	<1
Cadmium(ppm) (*)	0,3 max.	<0,3
Lead(ppm) (*)	0,5 max.	<0,5
Mercury(ppm) (*)	0,1 max.	<0,1
Residual solvents-methanol(ppm) (*)	3000 max.	<3000
Bulk density (g/ml)	0,50-0,75	0,677
Tapped density (g/ml)	0,60-0,90	0,811
Angle of repose(°) (*)	45 max.	38
	PARTICLE SIZE	
<20 mesh (850 micron)	95 min.	99,8
<100 mesh(150 micron)(%)	25 max.	19,5
	MICROBIOLOGICAL ANALYSIS	
Total plate count(CFU/g) (*)	500 max.	<500
Yeasts and Molds/g (*)	100 max.	<100
Salmonella/g (*)	Negative	Negative
E.Coli/g (*)	Negative	Negative
Staphylococcus Aureus(CFU/g) (*)	Negative	Negative
Coliforms(CFU/g) (*)	Negative	Negative
SHELF LIFE (RE-TEST)	2 years	2 years
VALIDITY AFTER RE-TEST	13.07.2023	13.07.2023
(*) These items are periodic analyses.		

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CERTIFICATE OF ANALYSIS / CONFORMITY

Material No.:	A0697-006-0012
Material description:	L-ASCORBIC ACID "DC 97% SF" (HPMC)
Internal traceability No.:	2190000993
Supplier batch No.:	042109901-13
Expiry / Re-test date:	12 Sep 2023
Manufacturing date:	13 Sep 2021
Issue date:	7 Feb 2022

Parameter	Specification	Result
Appearance	Granular powder	
Colour	White to yellowish	White to yellowish
Clarity of solution	Clear / < BY6	Conforme/Complies
Identification	Positive	Positive
Assay (%)	96,0 - 98,0	97,5
Loss on drying (%)	0,20 max.	0,18
Residue on ignition (%) (*)	0,10 max.	0,04
Heavy metals (Pb) (ppm)	3 max.	<3
Arsenic (ppm) (*)	1 max.	<1
Cadmium (ppm) (*)	1 max.	<1
Lead (ppm) (*)	0,5 max.	<0.5
Mercury (ppm) (*)	0,1 max.	<0.1
Residual solvents (methanol) (ppm) (*)	3.000 max.	<3.000
Bulk density (g/ml)	0,50 - 0,75	0,642
Tapped density (g/ml)	0,60 - 0,90	0,779
Angle of repose (°) (*)	45 max.	38
PARTICLE SIZE		
< 20 mesh (850 micron) (%)	95 min.	99,6
< 100 mesh (150 micron) (%)	25 max.	19,3
MICROBIOLOGICAL ANALYSIS		
Total plate count (CFU/g) (*)	500 max.	<500
Yeast and moulds (CFU/g) (*)	100 max.	<100
Salmonella (*)	Negative	Negative
E. coli (*)	Negative	Negative
Staphylococcus aureus (*)	Negative	Negative
Coliforms (*)	Negative	Negative
SHELF LIFE (RE-TEST)	2 years	2 years