



SHANDONG TIANLI PHARMACEUTICAL CO., LTD.

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Product Information

Description

Sodium Ascorbate is a white or almost white, odorless crystalline powder, with a slightly salty taste.

Identification

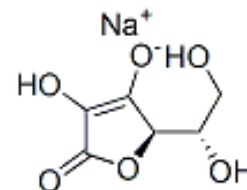
Product Code: 12

IUPAC Name: sodium;(2R)-2-[(1S)-1,2-dihydroxyethyl]-4-hydroxy-5-oxo-2H-furan-3-olate

CAS No.: 134-03-2

Molecular Formula: $C_6H_7O_6.Na$

Molecular Weight: 198.11 g/mol



Specifications

Items	Standard
Appearance	White to slightly yellow crystalline powder
Identification	Positive
Clarity of solution	Clear, $\leq$ BY ₆
Assay	99.0~101.0%
Loss on Drying	$\leq$ 0.25%
Sulphate	$\leq$ 150ppm
Specific rotation	+103°~ +106°
pH(10%, W/V)	7.0-8.0
*Residual Solvents	$\leq$ 3000ppm
Heavy metals(as Pb)	$\leq$ 3ppm
*Iron	$\leq$ 2ppm
*Copper	$\leq$ 2ppm
*Impurity E	$\leq$ 0.2%
*Arsenic	$\leq$ 1ppm
*Lead	$\leq$ 1ppm
*Nickel	$\leq$ 1ppm
*Mercury	$\leq$ 0.1ppm
*Related Substances	Impurity C $\leq$ 0.15%
	Impurity D $\leq$ 0.15%
	Other Unspecific Impurities $\leq$ 0.10%
*Total Plate Count	Total Impurity $\leq$ 0.2% $\leq$ 1,000cfu/g

According to BP2021/USP43/FCC12/EP10/E301

*These items are periodic analyses.