

Technical data sheet



Product name: **L(+)-Ascorbic acid**

Grade: **Extra pure**

Chemical formula: $C_6H_8O_6$

Molar mass: 176.12 g/mol

Synonyms: Ascorbic acid; Vitamin C; ascorbic acid; l-ascorbic acid

General information	
Cas- No.	50-81-7
Ec-No.	200-066-2
Appearance	White or Light yellow Solid
Boiling point	N/A
Melting point	190–192°C _(decomposition)
Flash point	N/A
Spec.density	1.65 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	330 g/l (20°C)
Storage temp	≤+30 °C
R:	N/A
S:	N/A

Specification	
Assay	99.0-100.5 %
Identity(IR)	conforms
Appearance	conforms
pH value	2.1-2.6(50 g/l)
Specific Rotation [α] _D /20 (100 g/L,water)	+20.5°-+21.5°
Chloride	≤50 ppm
Sulfate	≤20 ppm
Heavy metals (as Pb)	≤10 ppm
Oxalic acid	≤ 0.2 %
Sulfated ash(600 °C)	≤ 0.05 %
Loss on drying (105°C)	≤ 0.1 %

Symbol:

packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



دفتر مرکزی: تهران- خیابان شهید بهشتی- خیابان میرعماد - کوچه ۱۴- ساختمان شماره ۳
 Address : #14 ,4th Floor ,No3, Miremad Street,Beheshti Ave
 TEL:88530442-88530443
 www.armansina.com