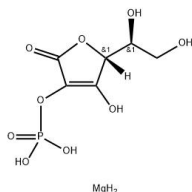




TECHNICAL DATA SHEET

Product	Magnesium ascorbyl phosphate
Chemical Name	MERCARE MAP; VitaminC Derivatives; LGB-MAP
CAS	113170-55-1
Chemical Formula	C ₆ H ₁₁ MgO ₉ P
Molecular Weight	282.42
EINECS Number	601-239-9
Molecular structure	



SPECIFICATION:

ITEM	STANDARD LIMITS
Appearance	White or pale yellowish powder or granule
Purity	≥ 95
PH value (3% aqueous solution)	7.0-8.5
Color of solution (APHA)	≤ 40
Water	≤ 29.0
Arsenic %	≤ 0.0002
Free ascorbic acid %	≤ 0.5
Free phosphoric acid %	≤ 1.0
Free phosphoric acid %	≤ 0.35
Heavy Metals (Pb) %	≤ 0.001

Packaging:

25kgs drum/ 200kgs drum/ IBC drum or pack as customer needs.

Application:

- 1) As an antioxidant, GB2760-1996 stipulates that it can be used in fatty foods, edible oils, hydrogenated vegetable oils, instant noodles, with a maximum dosage of 0.2g/kg, and in infant formula food with a maximum dosage of 0.01g/kg (calculated by ascorbic acid in oil).
- 2) It can also be used as food nutrition enhancer.
- 3) Used as feed additive
- 4) Inhibit tyrosinase activity, reduce melanin, and have the effect of freckle removal and whitening.
- 5) After entering the body, it can eliminate oxygen free radicals, so it has wrinkle removing and anti-aging functions.
- 6) It has synergistic effect with vitamin E

Shelf Life:

2 years in original packaging containers.