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Product Datasheet

GV6147 - L-Ascorbic acid 2-phosphate sesquimagnesium salt hydrate

Product Details

Product Name L-Ascorbic acid 2-phosphate sesquimagnesium salt hydrate

Glentham Code GV6147 CAS Number 113170-55-1

Additional CAS 1713265-25-8 (xH2O)

Related Categories Vitamins

Structure

 $\begin{array}{lll} \mbox{Molecular Weight} & : & 289.54 \mbox{ (anhydrous)} \\ \mbox{Molecular Formula} & : & \mbox{C}_{\mbox{\tiny E}}\mbox{H}_{\mbox{\tiny E}}\mbox{O}_{\mbox{\tiny Q}}\mbox{P} \cdot \mbox{xH}_{\mbox{\tiny Q}}\mbox{O} \end{array}$

Physical

: White to off-white powder

Description

Identification (IR) : To conform to standard

Solubility (5% in : water)

Clear, colourless to yellow

solution

Free Ascorbic :

: ≤ 0.5%

Acid

Loss on Drying : \leq 29.0% (105°C, 3h)

Total bacteria : ≤ 300CFU/g Yeast and Mould : ≤ 100CFU/g

pH (5% in water) : 7.0 - 8.5

Assay : ≥ 95.0% (anhydrous basis)

Version : v1.2

About L-Ascorbic acid 2-phosphate sesquimagnesium salt hydrate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

Glentham Product Specification

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