

TECHNICAL DATA SHEET

Trade Name:	Vitasome AGS		
INCI:	Ascorbyl Glucoside		
Cas. No:	129499-78-1		
EINECS:	425-980-0	Article No:	224252

ITEM	STANDARD
Appearance	White, cream-colored powder / crystalline powder without odor
Identification of Ascorbic acid	The color of solution disappears immediately
Identification of Glucose	Red sediment
Identification of AA-2G	Characteristic absorption recognized at around wave number 3300cm ⁻¹ , 1770cm ⁻¹ , 1700cm ⁻¹ , 1110cm ⁻¹ and 1060cm ⁻¹
Melting point °C	158~163
Specific Rotation [α] _D ²⁰ (°)	+186.0~188.0
Appearance of solution	Transparent liquid
Color phase (5% solution, 400nm, 10mm)	0.010 max
Heavy metals (as Pb) ppm	20 max
Arsenic (as As ₂ O ₃) ppm	2 max
Free ascorbic acid and free glucose%	0.1 max each
Loss on drying (1g, 105°C, 2 hours) %	1.0 max
Residue on ignition %	0.2 max
Purity %	99.5 min

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Product Description:

Vitasome AGS is a natural form of vitamin C (ascorbic acid) stabilized with glucose. This combination makes it easy and effective to incorporate the benefits of vitamin C into cosmetic products. When creams and lotions containing Vitasome AGS are applied to the skin, the enzyme α -glucosidase, naturally found in the skin, gradually breaks down Vitasome AGS, releasing the beneficial properties of vitamin C over time.

Application:

It is used for whitening cream, lotion and Mask series Products

Storage:

Store the container tightly closed in a dry, cool and well-ventilated place.

Dosage:

0.5% -2.0%

Shelf time:

2 years