

## Calcium polystyrene sulfonate

Cat. No.: HY-107929  
CAS No.: 37286-92-3  
Batch No.: 35914  
Chemical Name: Benzenesulfonic acid, ethenyl-, homopolymer, calcium salt (1:x)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $(C_8H_8O_3S)_x \cdot xCa$   
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

Calcium polystyrene sulfonate

### ANALYTICAL DATA

Appearance: White to light yellow (Solid)  
Ammonium salts: <0.0005%  
Arsonium salts: <0.0002%  
Loss on drying: 5.8%  
Sodium salts: <1.0%  
Polystyrene calcium sulfonate content  
(Calculated on the anhydrous substance): 8.52%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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