

# EURORESIN DA201H2-FG

ION EXCHANGE RESIN FOR FOOD APPLICATIONS

## PRODUCT INFORMATION

### Highly porous synthetic adsorbent resin

EURORESIN DA201H2-FG is a highly porous synthetic adsorbent resin based on polystyrene divinylbenzene matrix. A controlled pore size distribution and large surface area offer excellent adsorption capacity for a wide range of organic molecules. EURORESIN DA201H2-FG is recommended for the adsorption and purification of organic molecules contained in natural extracts and agri-food liquids. It is also used in adsorption and purification of antibiotics, stevia sugar, ginsenoside and Amino Cephalosporanic Acid.

EURORESIN DA201H2-FG complies with the existing UE and US food processing rules and regulations.

### CHARACTERISTICS

Surface area m <sup>2</sup> /g .....	≥ 650
Average pore size nm.....	8 - 12
Pore volume .....	≥ 0.8
Water retention % .....	55-65
Bulk density g/ml .....	0.62 - 0.70
Special density g/ml .....	1.02 - 1.07
Particle size % .....	(0.315 - 1.25mm) ≥ 95
Appearance .....	Milk white opaque spherical

### REFERENCE INDEXES FOR OPERATION

pH range .....	1 - 10
Max operating temp (°C) .....	≤ 120 °C
Regenerate solution.....	NaOH 4%, EtOH, IPA
Consumption of regenerate .....	40 - 45 g NaOH 100% / lt resin
Flow rate of regenerate solution .....	2 - 5 m <sup>3</sup> /h/m <sup>3</sup> resin

**Packing:** 25 lt bags, 1000 lt big bags

**EURORESIN CTC® S.r.l.**

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