



## Carbohydrates, Sugars & Derivatives

Carbohydrates are important biological macromolecules that consist of carbon, hydrogen, and oxygen in a 1:2:1 ratio. Carbohydrates are organic compounds organized in the form of aldehydes or ketones with multiple hydroxyl groups coming off the carbon chain. Carbohydrates are the most abundant organic compounds in living organisms. Their major function in living systems is the storage and transport of energy. They can also have structural, informational, recognition, and protective functions. Monosaccharides, the simplest carbohydrate units, are commonly known as simple sugars. Chains of more than one sugar are called oligosaccharides. Along with proteins and fats, carbohydrates are one of three main nutrients found in foods and drinks.

Carbohydrate derivatives are sugar molecules that have been modified with substituents other than hydroxyl groups. Most sugar derivatives occur naturally and have important biological functions.

### Product Range

ITEM	CAS NUMBER	PACKING
Adonitol (Ribitol)	488-81-3	1 kg - 25 kg
D-Arabinose	10323-20-3	1 kg - 25 kg
L-Arabinose	5328-37-0	1 kg - 25 kg
D-Cellobiose	528-50-7	1 kg - 25 kg
Digoxin	20830-75-5	10 gm - 1 kg
Dulcitol (D-Galactitol)	608-66-2	1 kg - 25 kg
Erythritol	149-32-6	1 kg - 25 kg
Esculin (Aesculin / Esculin Sesquihydrate)	66778-17-4	1 kg - 25 kg
D-Fructose	57-48-7	1 kg - 25 kg
D-Galactose	59-23-4	1 kg - 25 kg
Inositol (Vitamin B8 / myo-Inositol / meso-Inositol)	87-89-8	1 kg - 25 kg
D-Maltose Monohydrate	6363-53-7	1 kg - 25 kg
D-Mannitol	69-65-8	1 kg - 25 kg
D-Mannose	3458-28-4	1 kg - 25 kg
Pectin	9000-69-5	1 kg - 25 kg
D-Raffinose Pentahydrate	17629-30-0	1 kg - 25 kg
L-Rhamnose Monohydrate	10030-85-0	1 kg - 25 kg
D-Ribose	50-69-1	1 kg - 25 kg
D-Salicin	138-52-3	1 kg - 25 kg
D-Sorbitol Powder	50-70-4	1 kg - 25 kg
D-Trehalose Dihydrate	6138-23-4	1 kg - 25 kg
Xanthum Gum	11138-66-2	1 kg - 25 kg
Xylitol	87-99-0	25 kg
D-Xylose	58-86-6	1 kg - 25 kg