

# Dextrose DC



Dextrose Directly Compressible (DC) has been specifically formulated and granulated in such a way that it will form high quality sublingual tablets, chewable tablets and pills, gums, and/or candy without the need for extra flowing agents and binders.

Dextrose DC was developed to help our customers who are looking to create confectionery products similar to SweeTARTS, breath mints, PEZ, or Tic Tacs. Simply add flavoring, active ingredient, and coloring, and the Dextrose DC will act as the binder and flowing agent. Depending on the active ingredient, an anti-caking agent might need to be added to the mix. If you have formulation questions, please do reach out to our team.

Due to its glycemic index of 100, Dextrose DC is good for products aimed at sports enthusiasts looking for a boost of energy (this product is not suited for people with diabetes or who are overly health conscious) and is excellent at masking bitter tastes of botanicals, vitamins, and minerals. It also has no aftertaste, leaving the mouth feeling cool and refreshed especially when paired with a mint flavor.

## Main Benefits of Dextrose DC Powder

- **Perfect for Confectionery Products** - Dextrose DC is perfect for making chewable tablets, mints, and gum; compared to other sugars in LFA's excipient range, it assists in giving extended life to products that are expected to be chewed or sucked.
- **Versatile** - This excipient functions as both a binder and flowing agent.
- **Palatable** - Dextrose DC hides bitter or unpleasant tastes and has no aftertaste.
- **Saves Time and Money** - LFA's Dextrose DC flows extremely well through tablet presses, allowing you to run production at higher speeds which saves time and money.

## Specifications

Calories per gram	4
Sweetness index	0.75 (sucrose is 1)
Glycemic index	100
Description	Free-flowing white powder
Mean particle size	220 micron
Bulk density	0.52 g/ml
Tapped bulk density	0.62 g/ml
Moisture	8.7%
Carr index	16.1
Hausner ratio	1.20