

Cost reduced orange soft drink

Cost reduction with **C★TruSweet® F47**

GLUCOSE-FRUCTOSE SYRUP

- 1 to 1 sugar replacer
- Comparable taste profile to sugar
- Ready to use syrup

COST IMPACT

- Significant cost reductions
- Exact saving will depend on country & ingredients substituted
- Ease of use benefits

RECIPE (%)	Standard	Improved
Water	81.6	83.0
Sugar syrup	16.4	
C★TruSweet® F47 glucose-fructose syrup		15.0
Orange compound	1.0	1.0
Acidity regulators (Citric acid, ascorbic acid, Trisodium citrate)	0.392	0.392
Orange concentrate	0.36	0.36
Coloring: beta carotene 1% (10%)	0.2	0.2
Preservatives (Potassium sorbate (30%) - Sodium benzoate (30%))	0.066	0.066
Cost impact		↓
NUTRITIONALS	Standard	Improved
Energy (kcal/ 100g)	44.7	44.7
Fats %		
- of which saturated		
Carbohydrates %	11.2	11.2
- of which sugars	11.2	11.2
- of which fibres		
Proteins %		
Salt %		





30% sugar reduced Orange soft drink

Single ingredient replacement
with **C★TruSweet® F95**
fructose syrup

95% PURE FRUCTOSE SYRUP

- High relative sweetness versus sucrose
- Delivers the same sweet taste at lower usage levels
- Enables 30% sugar and calorie reduction

SIMPLE, LABEL-FRIENDLY SOLUTION

- Referred to as fruit sugar
- Single ingredient sucrose replacement

COST IMPACT

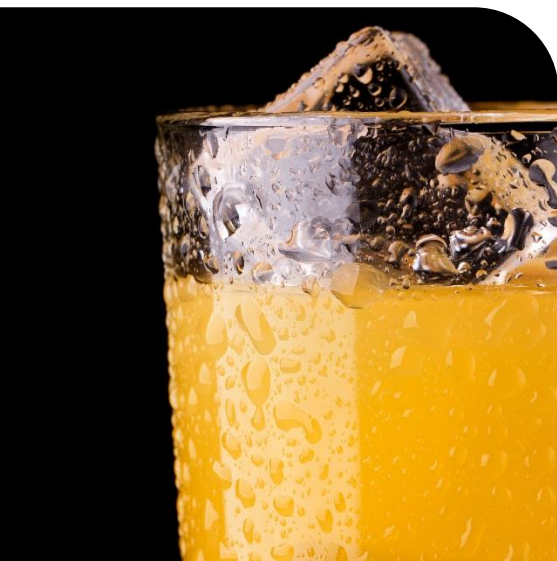
- No impact on recipe cost
- Label-friendly solution

RECIPE (%)	Standard	Improved
Water	81.6	88.9
Sugar syrup	16.4	
C★TruSweet® F95 fructose syrup (80%DS)		9.1
Orange compound	1.0	1.0
Acidity regulators	0.392	0.392
Orange concentrate	0.36	0.36
Coloring: beta carotene 1% (10%)	0.2	0.2
Preservatives	0.066	0.066

Cost impact ↔

NUTRITIONALS	Standard	Improved
Energy (kcal/ 100g)	44.7	31.2
Fats %		
- of which saturated		
Carbohydrates %	11.2	7.8
- of which sugars	11.2	7.8
- of which fibres		
Proteins %		
Salt %		





30% sugar reduced orange soft drink

Sugar replacement with **C★TruSweet® F42** glucose-fructose syrup and **Truvia® RA 80** stevia leaf extract

GLUCOSE-FRUCTOSE SYRUP & STEVIA

- Enables 30% sugar and calorie reduction
- Truvia® RA 80 is a high purity Reb A, delivering a clean sweet taste
- C★TruSweet® F42 has a comparable sugar profile versus sucrose

COST IMPACT

- Significant cost reductions
- Exact saving will depend on country & ingredients substituted
- Ease of use benefits

RECIPE (%)	Standard	Improved
Water	81.6	87.8
Sugar syrup	16.4	
C★TruSweet® F42 glucose-fructose syrup (71%DS)		10.2
Orange compound	1.0	1.0
Acidity regulators	0.392	0.392
Orange concentrate	0.36	0.36
Coloring: beta carotene 1% (10%)	0.2	0.2
Preservatives	0.066	0.066
Truvia® RA 80 Stevia leaf extract		0.015

Cost impact



NUTRITIONALS	Standard	Improved
Energy (kcal/ 100g)	44.7	31.1
Fats %		
- of which saturated		
Carbohydrates %	11.2	7.8
- of which sugars	11.2	7.8
- of which fibres		
Proteins %		
Salt %		





60% sugar reduced orange soft drink

Deep sugar reduction with **C★TruSweet® F95** fructose syrup and **ViaTech® TS 300** stevia leaf extract

95% PURE FRUCTOSE SYRUP & STEVIA

- Fructose syrup has a high relative sweetness versus sucrose, and delivers the same sweet taste at lower usage levels
- ViaTech® is a range of patented combinations of optimal synergistic stevia leaf extracts, that delivers optimal taste and sweetness

COST IMPACT

- Significant sugar reduction comes at a price
- Label-friendly ingredient solution

NUTRI-SCORE IMPROVEMENT

- Combination of ingredients enables deeper sugar reduction (sugars <=3.5%)
- ~60% sugar and calorie reduction

RECIPE (%)	Standard	Improved
Water	81.6	92.7
Sugar syrup	16.4	
C★TruSweet® F95 fructose syrup (80%DS)		5.2
Orange compound	1.0	1.0
Acidity regulators	0.392	0.392
Orange concentrate	0.36	0.36
Coloring: beta carotene 1% (10%)	0.2	0.2
Preservatives	0.066	0.066
ViaTech® TS 300 Stevia leaf extract		0.016

Cost impact*



NUTRITIONALS	Standard	Improved
Energy (kcal/ 100g)	44.7	18.8
Fats %		
- of which saturated		
Carbohydrates %	11.2	4.7
- of which sugars	11.2	4.7
- of which fibres		
Proteins %		
Salt %		

