

# SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE

Ref. IGLSS20  
- Made in Ireland -

07/2023

## CERTIFICATE OF ANALYSIS & TECHNICAL DATASHEET

<u>Product name</u>	:	Sico Irish Gold Liquid Seaweed Superior 20 Fresh Alkaline extraction
<u>Description</u>	:	20% w/v Ascophyllum nodosum extract liquid
<u>Aspect</u>	:	black liquid
<u>Shelf-life</u>	:	3 years from the manufacturing date
<u>Storage temperature</u>	:	above 4°C and below 40°C
<u>Packaging</u>	:	1L, 5L, 10L, 20L, 210L, 1000L, 1040L

### CHEMICAL-PHYSICAL CHARACTERISTICS

Parameters	Measure unit	Value
Solubility	:	99.5 %
Dry matter	:	% w/v 20
Potassium (K)	:	% w/w 3.0
Potassium Oxide (K <sub>2</sub> O)	:	% w/w 3.6
Total nitrogen	:	% w/w 0.5
Amino acids	:	% w/w 1.7
Organic Matter	:	% DM 27.6
Alginic acid	:	% DM 1.06
Mannitol	:	% DM 0.11
Laminarin	:	% DM 3.5
Phenolics	:	% DM 6.2
pH	:	10.0-11.0

### HEAVY METALS ANALYSIS (limit)

Parameters	Value	
Iodine (I)	:	26.6 mg/kg
Iron (Fe)	:	21.0 mg/kg
Copper (Cu)	:	< 2.5 mg/kg
Inorganic Arsenic (iAs)	:	< 5.0 mg/kg
Lead (Pb)	:	< 5.0 mg/kg
Mercury (Hg)	:	< 0.4 mg/kg
Nickel (Ni)	:	< 2.5 mg/kg
Tin (Sn)	:	< 1.4 mg/kg
Zinc (Zn)	:	< 23.4 mg/kg

IGLSS20 is a natural product. Its properties may vary between batches and seasons.