

PURAC® BF S/30**Description**

PURAC BF S/30 is the natural L(+)-lactic acid solution buffered with L-sodium lactate. Both are produced by fermentation of sugar. PURAC BF S is available in various ratios of free acid and sodium lactate.

Specification**PURAC BF S/30**

Product	L-buffered lactic acid
Form	liquid
Color fresh	max. 50 apha
Stereochemical purity (L-isomer)	min. 90%
Heavy metals total	max. 10 ppm
Iron	max. 7 ppm
Calcium	max. 20 ppm
Chloride	max. 30 ppm
Sulphate	max. 20 ppm
Turbidity B.A.	max. 5 ppm
Assay	78.0-82.0% w/w
Assay lactic acid	59.0-61.0% w/w
Assay sodium lactate	19.0-21.0% w/w
pH (10 g product + 90 g water)	2.8-3.2
Refractive index at 25°C	1.425-1.429
Density at 20°C	1.24-1.26 g/ml

Registration

CAS number 79-33-4 (general 50-21-5)
lactic acid
867-56-1 (general 72-17-3)
sodium lactate

EEC Additive number E 270 lactic acid
E 325 sodium lactate

USA GRAS
Complies with* EUSFA, FCC and JSFA

*) The individual ingredients lactic acid and sodium lactate each comply with the EUSFA, FCC and JSFA

Packaging

PURAC BF S/30 is supplied in 255 kg (562 lbs) polyethylene drums (55 gallon) and in semi-bulk containers of 1000 L (264 gallon).