

# **Product data**

Rev.No.3/4004

## 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

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).

Copyright © PURAC. All rights reserved. No part of this publication may be copied, downloaded, reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical, photocopied, recorded or otherwise, without permission of the publisher. No representation or warranty is made as to the truth or accuracy of any data, information or opinions contained herein or as to their suitability for any purpose, condition or application. None of the data, information or opinions contained herein may be relied upon for any purpose or reason. PURAC disclaims any liability, damages, losses or other consequences suffered or incurred in connection with the use of the data, information or opinions contained herein. In addition, nothing contained herein shall be construed as a recommendation to use any products in conflict with existing patents covering any material or its use.

For further information:

http://www.purac.com/

Complies with\*