

**Description****PURAC<sup>®</sup> 80**

PURAC<sup>®</sup> is the natural L(+) lactic acid, which is produced by fermentation from carbohydrates. It can be used in many applications in the food, chemical, metal and detergents industry.

**Specification****PURAC<sup>®</sup> 80**

Product	L(+) lactic acid
Form	liquid
Grade	technical
Colour fresh	max. 160 apha
Colour 6 months	max. 400 apha
Odour	agreeable
Stereochemical purity L-isomer	min. 95%
Assay	79.5-80.5% w/w
Density at 20°C	1.18-1.20 g/ml
Sulphated ash	max. 0.1%
Heavy metals total	max. 10 ppm
Iron	max. 10 ppm
Arsenic	max. 1 ppm
Calcium	max. 20 ppm
Chloride	max. 10 ppm
Sulphate	max. 20 ppm

**Physical-chemical properties**

Molecular formula	CH <sub>3</sub> CHOHCOOH
Molecular weight	90
Chemical name	2-hydroxypropionic acid

**Registration**

CAS number	79-33-4 (general 50-21-5)
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