

CERTIFICATE OF ANALYSIS

TRADE MARK: **85% FG E338**

PRODUCT: phosphoric acid 85%

GRADE: Food Grade

<u>TEST</u>	<u>RESULT</u>	<u>UNITS</u>	<u>Notes</u>	<u>Specification Low</u>	<u>Specification High</u>	<u>METHOD</u>
Density @20°C	1.6912 ▬	g/cm ³	2	1.6853	1.6973	PLC 10
H3PO4	85.19 ▬	%	2	84.70	85.70	PLC 10
P2O5	61.70 ▬	%	2	61.34	62.07	PLC 10
As	0.102 ▬	ppm	1		0.5	PICP 04
Cd	< 0.04 ▬	ppm	1		0.2	PICP 01
Cl	<5 ▬	ppm	1		10	PLC 04
Cu	< 0.2 ▬	ppm	1		1.0	PICP 01
F	4.00 ▬	ppm	2		10.0	PLC 14
Fe	2.27 ▬	ppm	2		5.0	PICP 01
Heavy Metals	<5 ▬	ppm Pb	1		5.0	PLC 08
Hg	< 0.025 ▬	ppm	1		0.05	PICP 04
NaNO3	<1 ▬	ppm	1		5	ELC 48
Ni	0.144 ▬	ppm	1		1.0	PICP 01
Pb	< 0.2 ▬	ppm	1		0.5	PICP 01
SO4	186 ▬	ppm	2		350.0	PICP 01
Volatile Acids	<10 ▬	ppm	1		10	JECFA