CERTIFICATE OF ANALYSIS

Product Ref.	BASLAFEL85	Manufacturing Date:	20-Jul-2026
Product Name	Lactic Acid 85% Excel Grade	Retest Date:	19-Jul-2028
Complies with	FCC	Lot. Number:	S202607020
PO NO:	4600001859	Weight:	56000KG

THE RESULT OF INSPECTION:

PARAMETER	**SPECIFICATION**	**TEST RESULT**
Assay	≥ 85.0 % w/w	85.25 % w/w
Color (fresh solution)	≤ 50 Hazen	< 50 Hazen
Positive test for lactate	Passes test	Passes test
Density (20°C)	1.19 - 1.21 *g/ml*	1.20 *g/ml*
Stereochemical purity *L(+)*	≥ 97 %	99.1 %
Heavy metals (as Pb)	≤ 10 ppm	< 10 ppm
Iron	≤ 10 ppm	< 10 ppm
Calcium	≤ 10 ppm	< 10 ppm
Chloride	≤ 10 ppm	< 10 ppm
Sulphate	≤ 10 ppm	< 10 ppm
Sulphated ash	≤ 0.05 % w/w	< 0.05 % w/w
Cyanide	≤ 1 ppm	< 1 ppm
Lead	≤ 0.5 ppm	< 0.5 ppm
Arsenic	≤ 1 ppm	< 1 ppm
Mercury	≤ 1 ppm	< 1 ppm
Reducing substances (sugars)	Passes test	Passes test
Citric, oxalic, tartaric and phosphoric acids	Passes test	Passes test

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