

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Maltobionic Acid
<b>Product Code</b>	AL00218
<b>INCI Name</b>	Maltobionic Acid
<b>CAS Number</b>	534-42-9
<b>Lot Number</b>	20250510
<b>Manufacture Date</b>	05/2025
<b>Re-test Date</b>	05/2027

Parameter	Specification	Test result
Appearance	White crystalline powder	Conforms
Clarity (10%aq. solution)	< 30 APHA	Conforms
Water content	≤ 5.0 [%]	2.6
Ash	≤ 0.3 [%]	0.1
pH(10%aq. solution)	1.0 ~ 3.0	2.3
Chloride	≤ 400 [ppm]	< 400
Sulfate(ppm)	≤ 400 [ppm]	< 400
Heavy metal(ppm)	≤ 10 [ppm]	< 10
Assay(titration)	≥ 95.0 [%]	99.4
Total aerobic micro. count	≤ 100 [cfu/g]	Conforms
Molds and Yeast	≤ 100 [cfu/g]	Conforms
<i>Pseudomonas aeruginosa</i>	ND	Not detected

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for a period longer than the one specified above, quality should be checked before use.

**As it is electronically generated document, hence no signature required**

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