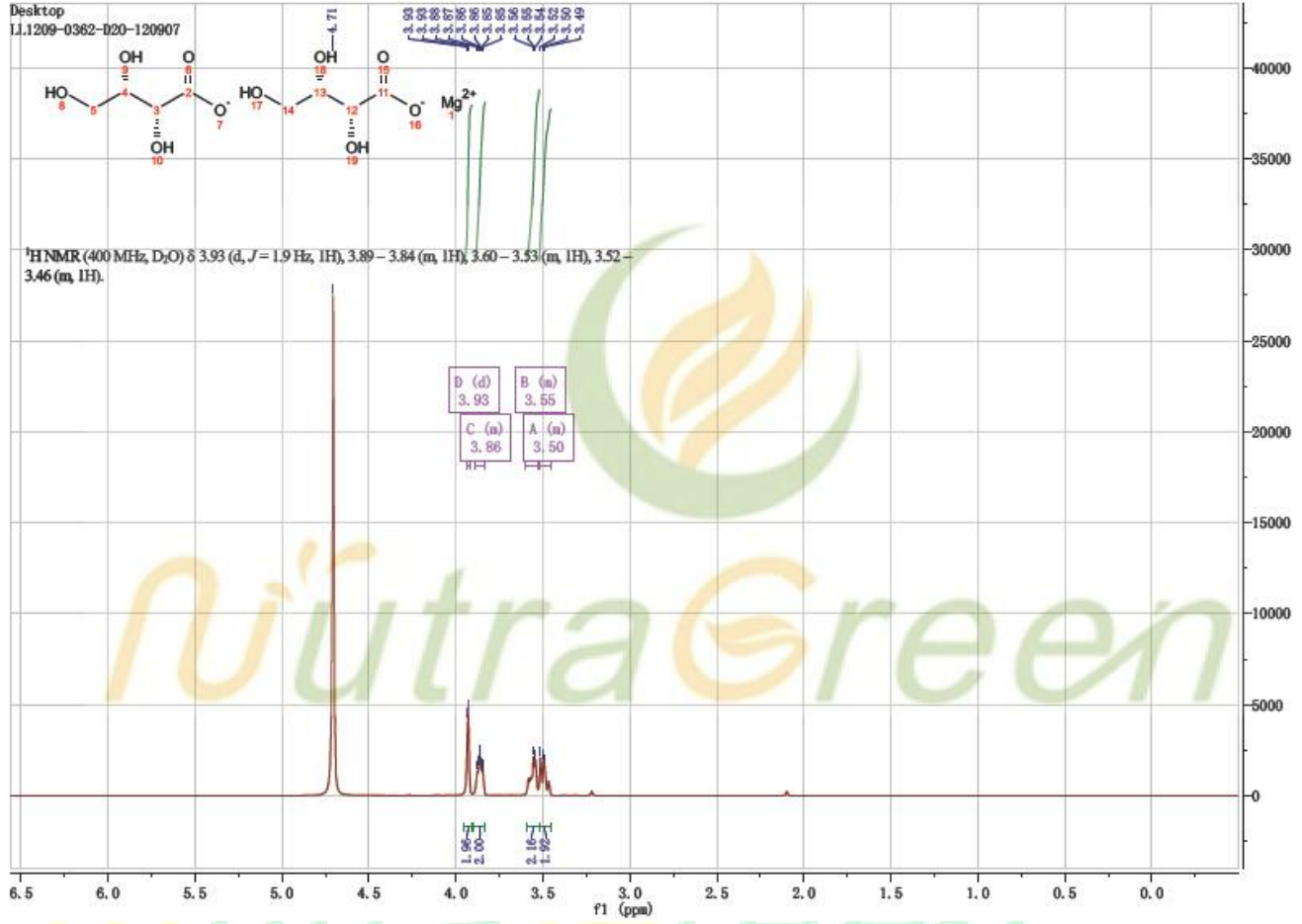


NMR@D2O of Magnesium L-Threonate



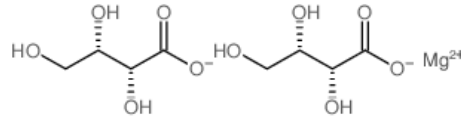
Certificate of Analysis

Product Name:

Magnesium L-Threonate

Molecular Formula:

$C_8H_{14}MgO_{10}$



CAS No.:

778571-57-6

Origin:

China

Batch No.:

160123-NGAA0061

Manufacture Date:

23th, Jan 2016

Expired Date:

22th, Jan 2018

<u>Item</u>	<u>Specification</u>	<u>Result</u>
<u>Physical Items:</u>		
Appearance:	white or almost white crystalline powder	Conformed
<u>Chemical Items:</u>		
Assay:	95.0%~102.0% (Titration)	95.71%
Chlorides	0.5% Max	Conformed
PH	5.0~7.5	5.2
Heavy Metal	10ppm Max	Conformed
Residue on ignition	0.10% Max	0.06%
Loss on Drying	1.5% Max	0.82%
Mg content per 100g	7.5-8.2g	7.5g
<u>Microbiology Control</u>		
Total Plate Count	10,000cfu/g (USP)	Conformed
Total Yeast & Mold	1,000cfu/g (USP)	Conformed
E.Coli	Negative (AOAC)	Conformed
Salmonella	Negative (USP)	Conformed
Staphylococcus	Negative (USP)	Conformed

The Product complies with USP requirement

Packaging:

25Kg/Drum

Storage

Store in dry and ventilated place. Keep away from moisture, light, oxygen.

Shelf Life

24 Months under the conditions above without opening.

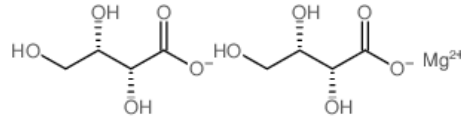
Report by: Shi Jing Gang

Checker: Yang Hong

Approved by: Jay Park

Certificate of Analysis

Product Name: Magnesium L-Threonate
Molecular Formula: C₈H₁₄MgO₁₀



CAS No.: 778571-57-6
Origin: China
Batch No.: 160129-NGAA0092
Manufacture Date: 29th, Jan 2016
Expired Date: 27th, Jan 2018

<u>Item</u>	<u>Specification</u>	<u>Result</u>
<u>Physical Items:</u>		
Appearance:	white or almost white crystalline powder	Conformed
<u>Chemical Items:</u>		
Assay:	95.0%~102.0% (Titration)	98.50%
Chlorides	0.5% Max	Conformed
PH	5.0~7.5	7.1
Heavy Metal	10ppm Max	Conformed
Residue on ignition	0.10% Max	0.06%
Loss on Drying	1.5% Max	0.83%
Mg content per 100g	7.5-8.2g	7.7g
<u>Microbiology Control</u>		
Total Plate Count	10,000cfu/g (USP)	Conformed
Total Yeast & Mold	1,000cfu/g (USP)	Conformed
E.Coli	Negative (AOAC)	Conformed
Salmonella	Negative (USP)	Conformed
Staphylococcus	Negative (USP)	Conformed

The Product complies with USP requirement

Packaging: 25Kg/Drum
Storage: Store in dry and ventilated place. Keep away from moisture, light, oxygen.
Shelf Life: 24 Months under the conditions above without opening.

Report by: Shi Jing Gang

Checker: Yang Hong

Approved by: Jay Park