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**SPECIFICATION SHEET**  
**R-Lipoic Acid, Sodium**

Item Code: 125A

Country of Origin: China

Updated: August 2016

Synonyms: R-(+)-Lipoic Acid Sodium Salt, Sodium R-Lipoate

CAS #: 176110-81-9

Empirical Formula:  $C_8H_{13}O_2S_2Na$

**TEST ITEMS**

**SPECIFICATIONS**

Appearance	Light yellow powder
RLA Potency	>80%
Loss on Drying	<3%
Melting Point	240°C - 250°C
Specific Rotation	+60 ~ +80 c=1 in water
Powder density	Report only
Tapped density	Report only
Heavy Metals	<5 ppm
Lead (Pb)	<2 ppm
Cadmium (Cd)	<2 ppm
Mercury (Hg)	<2 ppm
Arsenic (As)	<2 ppm
Microbiology:	
Total plate count	<1,000 cfu/g
Yeast & Mold	<100 cfu/g
Coliforms	<100 cfu/g
Staphylococcus	<100 cfu/g
E. coli	Negative
Salmonella	Negative

Shelf Life: 3 years

**\*R-Lipoic Acid is a product marketed by AnMar International Ltd., business partner of GeroNova Research Inc.**