

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Beta-Carotene Oil
<b>Product Code</b>	AL00252
<b>INCI Name</b>	Beta-Carotene, Helianthus Annuus Seed Oil, Tocopherol
<b>CAS Number</b>	7235-40-7, 8001-21-6, 10191-41-0
<b>Lot Number</b>	BCOS32025062
<b>Manufacture Date</b>	06/2025
<b>Re-test Date</b>	06/2027

ANALYSIS	SPECIFICATION	RESULTS	TEST METHODS
<b>Appearance</b>	Red brown liquid	Conforms	GB26687
<b>Arsenic (As)</b>	≤ 2.0 mg/kg	< 2.0 mg/kg	GB5009.76
<b>Lead (Pb)</b>	≤ 2.0 mg/kg	< 0.5 mg/kg	GB5009.12
<b>Heavy metals (Pb)</b>	≤ 0.001 %	< 0.001%	GB5009.74
<b>Light absorption</b>		Complies	
<b>Maximum absorption</b>	453nm - 457nm	455 nm	UV-Vis
<b>Absorbance (A340nm)</b>	≤ 0.080	Complies	UV-Vis
<b>Assay of total carotenoids</b>	≥ 30.0 %	30.80%	GB4789.2
<b>Aerobic microbial count</b>	≤ 1000 cfu/g	< 10cfu/g	GB4789.15
<b>Moulds &amp; Yeasts count</b>	≤ 100 cfu/g	< 10cfu/g	GB4789.15
<b>Enterobacterial</b>	≤ 0.3 MPN/g	< 0.3MPN/g	GB4789.3

### 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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