

CERTIFICATE OF ANALYSIS

Product Name	Beta-Carotene Oil
Product Code	AL00252
INCI Name	Beta-Carotene, Helianthus Annuus Seed Oil, Tocopherol
CAS Number	7235-40-7, 8001-21-6, 10191-41-0
Lot Number	BCOS32026064
Manufacture Date	06/2026
Re-test Date	06/2028

ANALYSIS	SPECIFICATION	RESULTS	TEST METHODS
Appearance	Red brown liquid	Conforms	GB26687
Arsenic (As)	≤ 2.0 mg/kg	< 2.0 mg/kg	GB5009.76
Lead (Pb)	≤ 2.0 mg/kg	< 0.5 mg/kg	GB5009.12
Heavy metals (Pb)	≤ 0.001 %	< 0.001%	GB5009.74
Light absorption		Complies	
Maximum absorption	453nm - 457nm	456 nm	UV-Vis
Absorbance (A340nm)	≤ 0.080	Complies	UV-Vis
Assay of total carotenoids	≥ 30.0 %	31.20%	GB4789.2
Aerobic microbial count	≤ 1000 cfu/g	< 10cfu/g	GB4789.15
Moulds & Yeasts count	≤ 100 cfu/g	< 10cfu/g	GB4789.15
Enterobacterial	≤ 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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