



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Beta-Carotene Powder
CAS No	7235-40-7
Molecular Formula	C₄₀H₅₆
Specification Version	1% CWS-K
Shelf Life	3 years
Package	20kg/Drum

ITEM

Description
Identification (HPLC)
Loss on drying
Heavy metals (Pb)
Arsenic(As)

A max (1%, 1cm) color intensity of aqu. Dispersion A
[1%, 1cm] at maximum

Total carotenoid content (UV)
Beta-Carotene content (HPLC)

Microbial test

Total viable aerobic count
Total molds and yeasts count
Enterobacteria
Salmonella
Escherichia coli
Staphylococcus aureus:
Pseudomonas aeruginosa

SPECIFICATION

Yellow to orange free-flowing powder
Conform to the reference solution

≤ 5.0%
≤ 0.001%
≤ 0.0003%
≥ 25

≥ 1.0%
≥ 1.0%

≤ 1000 cfu/g
≤ 100 cfu/g
≤ 10 cfu/g
Not detective/25g
Not detective/10g
Not detective/10g
Not detective/10g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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