

Hi-Grade MSP C510

Product name: Monosodium Phosphate Anhydrous Food Grade, Spray Dried Granular

Synonyms: MSP

Sodium Phosphate, Monobasic

Monosodium Dihydrogen Phosphate

Product:

Formula: NaH_2PO_4

Molecular weight: 119.98

CAS No. 7558-80-7

EINCS No. 231-449-2

EEC classification E339(i)

Appearance: White granules

Analysis

Analyte	Specification Limits
Assay (on the dry basis), %	98.0-103.0
P_2O_5 content (on the dry basis), %	58.0-60.0
pH (1% solution)	4.1-4.7
Arsenic (As), ppm	2 max
Fluoride (F), ppm	10max
Heavy Metals, ppm	10 max
Lead (Pb), ppm	1.0 max
Cadmium (Cd), ppm	1.0 max
Mercury (Hg), ppm	0.5 max
Insoluble matter, %	0.1 max
Loss on Drying, %	0.5 max
Bulk Density, g/ml	0.4-0.7

Screen analysis: On 18 US mesh (> 1 mm) 1.0 % max

Through 100 US mesh (<0.150 mm) 35% max

Shelf life: 24 months in original package, under dry and cool storage conditions.

Maximum stack height: 2 pallets.

Packaging: 25 Kg or 50 Lbs. multi-walls PE lined paper bags on pallets.

Main usage: Milk and dairy products: pH adjustment, stabilization

Nutrient: source of sodium and phosphorus

Egg processing: color, protein stabilization

Kosher and Halal product

Hi- C510 complies with the requirements of the current US Food Chemicals Codex,

EC Commission Directive, and FAO/WHO report.

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