

National Food Safety Standard

Food Additive Sodium Hexametaphosphate

1. Scope

This standard applies to the food additive sodium hexametaphosphate.

2. Technical Requirements

2.1 Sensory requirements

Sensory requirements shall comply with the provisions in Table 1.

Table 1 Sensory requirements

Items	Requirements	Test methods
Color	Colorless and transparent	Take an appropriate amount of test sample and place it in a 50mL beaker, and observe the color and state under natural light.
State	Glass flake-like or granular	

2.2 Physicochemical indicators

Physicochemical indicators shall comply with the provisions in Table 2.

Table 2 Physicochemical indicators

Items	Indicators	Test methods
Total phosphates (as P_2O_5), $w/\%$ $\geq$	68.0	A.4 in Annex A
Non-active phosphates (as P_2O_5), $w/\%$ $\leq$	7.5	A.5 in Annex A
Water insoluble matter, $w/\%$ $\leq$	0.06	A.6 in Annex A
Iron (Fe), $w/\%$ $\leq$	0.02	A.7 in Annex A

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