

UREA PHOSPHATE(UP)

Molecular formula: $H_3PO_4 \cdot CO(NH_2)_2$

Standard executed: Q74465717-10(technical grade)

Q74465717-11(food grade)

CAS Number: 4401-74-5

Properties:

White crystal, easily soluble in water, but not in organic solution; melting point at 117.3 °C , its water solution is strongly acidic, PH value of 1% solution is 1.89, It has got bad heat stability and easlily decomposed when heated.

Uses:

Mainly used as a high quality feed additive, a high quality acid N, P compound fertilizer with ureic nitrogen. It is suitable for alkaline soil, also used fire retardant agent, finishing agent for metal, fermentation nourishment, cleaning agent and flux for purifying phosphoric acid.

Packing and storage:

In 25kg, 50kg, 1000kg net bags, store at a cool, dry and well ventilated place.

Guaranteed Technical Specifications:

No	Specifications	Industrial Grade	Food Grade
1	Main contents(as $H_3PO_4 \cdot CO(NH_2)_2$)min%	98.00	98.00
2	Phosphorus pentoxide(as P_2O_5)min%	44.00	44.00
3	Nitrogen(as N) min%	17.00	17.00
4	PH	1.6-2.4	1.6-2.4
5	Moisture max%	0.20	0.20
6	Heavy metals(as Pb) max%		0.001
7	Arsenic(as As) max%		0.0003
8	Fluoride(as F) max%		0.003
9	Water insoluble max%	0.10	0.10