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SALES SPECIFICATION

MONO AMMONIUM PHOSPHATE TG (PRAYPHOS MAP)

CAS Number:	7722-76-1
Formula:	$(\text{NH}_4)\text{H}_2\text{PO}_4$
Molecular Weight:	115
Total P_2O_5 (as is):	61.1 % min.
P:	26.6 % min.
N- NH_4 (ammoniacal):	11.8 % min.
Assay:	96.0 – 102.0 %
pH Solution 1%:	4.2 – 4.8
Insoluble Matter:	0.05 % max.

Impurities Content

As:	2.0 ppm max.
Cd:	1.0 ppm max
Cl:	10 ppm max.
F:	250 ppm max.
Hg:	1.0 ppm max.
Pb:	1.0 ppm max.
Sulphate (as SO_3):	1000 ppm max.

Physical Properties

Bulk Density:	0.90 g/cm ³
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Theoretical Values

Solubility	36.5g /100g water @ 20°C
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