

MAP
MKP
UP

For Water Soluble Fertilizer

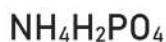
KELEWELL

BASIC INFORMATION			
ABBREV.	MAP	MKP	UP
FULL NAME	MONOAMMONIUM PHOSPHATE	MONOPOTASSIUM PHOSPHATE	UREA PHOSPHATE
SYNONYMS	AMMONIUM DIHYDROGEN PHSPHATE	POTASSIUM DIHYDROGEN PHOSPHATE	N/A
FORMULA	$NH_4H_2PO_4$	KH_2PO_4	$CO(NH_2)_2 \cdot H_3PO_4$
CAS NO.	7722-76-1	7778-77-0	4861-19-2
EINECS NO.	231-764-5	231-913-4	225-464-3
PH VALUE	4.0-5.0	4.2-4.7	1.5-3.0
PHYSICAL FORM	CRYSTALLINE POWDER	CRYSTALLINE POWDER	CRYSTALLINE POWDER
COLOR	WHITE	WHITE	WHITE
PURITY	> 99%	> 99%	> 99%
WATER SOLUBILITY	100%	100%	100%
APPLICATION (ACCORDING TO DIFFERENT PRODUCTION STANDARDS)			
MAIN GRADES	AGRI-GRADE (NPK 12-61-0)	AGRI-GRADE (NPK 0-52-34)	AGRI-GRADE (NPK 17-44-0)
	TECH-GRADE	TECH-GRADE	TECH-GRADE
	BATTERY-GRADE	FOOD-GRADE	FEED-GRADE
SHIPPING INFORMATION			
LOADING CAPACITY (WITHOUT PALLET AND BASED ON 25KG BAGS)	26MT	27MT	27MT
LOADING CAPACITY (WITH PALLET AND BASED ON 25KG BAGS)	25MT	25MT	25MT
SUPPLY CAPACITY	> 5000 MT/MONTH	> 5000 MT/MONTH	> 2000 MT/MONTH
ETD	< 20 DAYS	< 7 DAYS	< 7 DAYS
PACKAGE	25KG/1200KG/1250KG/1300KG Package with neutral information in English		
CUSTOMIZED PACKAGE	UPON REQUEST	UPON REQUEST	UPON REQUEST
PORT OF LOADING	MAIN PORTS IN CHINA	MAIN PORTS IN CHINA	MAIN PORTS IN CHINA

TRUE SIGHT OF PRODUCT			
	MAP	MKP	UP
SAMPLE VIEW			
DEFAULT PACKAGE			
25KG BAG			
JUMBO BAG (1000KG/1200KG /1250KG/1300KG)			
CUSTOMIZED PACKAGES			
MOQ	> 200MT		
PLATE CHARGE	\$55/COLOR/SIDE (ONE-TIME CHARGE)		
PACKAGE CHARGE	USD 0.28/ Bag		
LEAD TIME	8 WORKING DAYS		
WORK FLOW	CUSTOMER	PROVIDE A PDF/PSD/AI OF THE FRONT AND BACK OF THE PACKAGE	
	KELEWELL	PRODUCE A MOCK-UP VIEW BASED ON THE SIZE OF THE PACKAGE	
	CUSTOMER	SUGGEST CHANGES OR CONFIRM THE MANUSCRIPT	
	KELEWELL	MANUFACTURE OF BAGS	

SPECIFICATION AND COA

Monoammonium phosphate (MAP)


DESCRIPTION

General Description		Origin
Monoammonium phosphate Tech Grade		China
Grade	E number	Formula
Tech grade/ Agri grade		$\text{NH}_4\text{H}_2\text{PO}_4$
Molecular weight	EINECS	CAS number
115.03	231-764-5	7722-76-1

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Appearance	-	In crystal form	conform
Main content $[(\text{NH}_4)\text{H}_2\text{PO}_4]$	w/%	≥ 98.5	99.0
N+P2O5	w/%	≥ 72.6	73.2
P2O5	w/%	≥ 60.8	61.2
N	w/%	≥ 11.8	12.0
Moisture	w/%	≤ 0.5	0.1
Water insoluble matter	w/%	≤ 0.1	0.01
Moisture	w/%	≤ 0.5	0.1
PH Value	-	4.0-5.0	4.4
Mercury (Hg)	mg/kg	≤ 5.0	0.1
Arsenic (As)	mg/kg	≤ 20.0	15.0
Lead (Pb)	mg/kg	≤ 10.0	Not detected
Chromium (Cr)	mg/kg	≤ 10.0	Not detected
Cadmium (Cd)	mg/kg	≤ 10.0	Not detected
Color	-	White	OK
Package	-	25kg/1000kg/1200kg	

Disclaimers

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SPECIFICATION AND COA

Monopotassium Phosphate (MKP)


DESCRIPTION

General Description		Origin
Monopotassium Phosphate MKP		China
Grade	E number	Formula
Tech grade / Agri grade		KH_2PO_4
Molecular weight	EINECS	CAS number
136.086	231-913-4	7778-77-0

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Main content (KH_2PO_4)	w/%	≥ 99.0	99.84
Phosphorus pentoxide (P2O5) w/%	w/%	≥ 52.0	52.06
Potassium oxide (K2O) w/%	w/%	≥ 34.0	34.26
Moisture	w/%	≤ 0.2	0.006
Water insoluble matter	w/%	≤ 0.1	0.006
Fluoride (in terms of F)	mg/kg	≤ 50	11
Arsenic (in terms of As)	mg/kg	≤ 3	< 1
Heavy metals (in terms of Pb)	mg/kg	≤ 50	< 6
Lead (Pb)	mg/kg	≤ 4	1
PH (10g/L aqueous solution)	-	4.2 - 4.7	4.33
Chloride (in terms of Cl)	mg/kg	≤ 100	< 18
Sulfate (in terms of SO4)	mg/kg	≤ 100	68
Iron (Fe)	mg/kg	≤ 30	6
Particle size (20 mesh - 60 mesh)	w/%	≥ 60	93.7
Particle size (+20 mesh)	w/%		2.1
Particle size (-60 mesh)	w/%		4.2

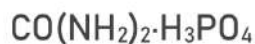
Further specifications are available upon request

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SPECIFICATION AND COA

Urea Phosphate (UP)


DESCRIPTION

General Description		Origin
Urea Phosphate 17-44-0 Fertilizer		China
Grade	E number	Formula
Fertilizer grade	-	$\text{CO}(\text{NH}_2)_2 \cdot \text{H}_3\text{PO}_4$
Molecular weight	EINECS	CAS number
158.05	225-464-3	4861-19-2

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Main Content	w/%	≥ 98.0	99.10
Phosphorus (P2O5)	w/%	≥ 44.0	44.52
Nitrogen (N%)	w/%	≥ 17.0	17.31
Moisture	w/%	≤ 0.5	0.11
Water insoluble matter	w/%	≤ 0.5	0.03
PH Value		1.5-3.0	1.98
Arsenic	mg/kg	50	19
Mercury	mg/kg	10	< 1
Lead	mg/kg	10	< 1
Cadmium	mg/kg	10	< 1
Chromium	mg/kg	50	11

Further specifications are available upon request

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