



Mon-Droguiste.Com
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PRODUCT SPECIFICATION DATA SHEET

DAP TECH GRADE

DESCRIPTION

		Date effective – edition August, 2018 – 02
Technical grade	Formula (NH ₄) ₂ HPO ₄	Molecular weight 132
EINECS 231-987-8	CAS number 7783-28-0	

PRODUCT CHARACTERISTICS

Chemical properties	Unit	Typical analysis	Specifications	Methods
Total P ₂ O ₅ (as is)	%	53.7	53.5 Min.	ELC 20
P	%	23.4	23.3 Min.	Calculation
Assay	%	98.3	96.0 – 102.0	Calculation
pH solution 1%		8.0	7.8 – 8.4	ELC 17
Insoluble matters	%	< 0.03	0.05 Max.	ELC 15
N-NH ₄ (ammoniacal)	%	21.1	20.8 Min.	ELC 24
Impurities content				
Pb	ppm	< 1.0	1.0 Max.	EICP 01
As	ppm	< 2.0	2.0 Max.	EICP 25
Cd	ppm	< 1.0	1.0 Max.	EICP 01
Hg	ppm	< 1.0	1.0 Max.	EICP 24
Cl	ppm	< 5	10 Max.	ELC 03
Fe	ppm	1.2	50.0 Max.	EICP 01
Sulfate (SO ₃)	ppm	390	816 Max.	EICP 01
Sulfur ash	%	< 0.5	0.5 Max.	Oenological Codex
Physical properties				
Bulk density	g/cm ³ lbs/ft ³	0.94 59	- -	ELC 12 Calculation
Form	Crystalline			
Odour	Odourless			
Colour	White			

THEORETICAL VALUES

Solubility	690 g/L water @ 20 °C
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IDENTIFICATION TEST

Passes test for oxalic acid

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Store in a cool, dry and odorless place. Protect from humidity. Keep in the packaging of origin, shrink-wrapped.
Best before: 3 years after production date.

MAIN APPLICATIONS

- Fireproofing agent
- Fire extinguishing powders
- Nutrient for yeast and in many other fermentation processes
- Many other industrial processes

Plant location

Engis – Belgium

Packaging types

Big bag on pallets – FFS PE bags 25 kg, with a stretched plastic foil

Handling precautions

See MSDS

CERTIFICATIONS

ISO 9001 (Quality) – OHSAS 18001 (Security) – ISO 14001 (Environment) – ISO 50001 (Energy) – Kosher Pareve Passover – Halal

REGULATIONS & STATEMENTS

GMO free – Allergen free – BSE/TSE free – Mineral origin
Meets the requirement of the current edition of International Oenological Codex.