



ALMAZ GROUP®
ALMAZ FERTILIZERS®

LLC «Almaz Fertilizers»
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SPEC SHEET
DIAMMONIUM PHOSPHATE /DAP/
NP 21:53

Manufacturer :	LLC «Almaz Fertilizers», room 60, house 7, street Promyshlennaya, city Lermontov, Stavropol territory, Russian Federation, 357341, Tel: + 7(879-35) 3-06-72, Fax: +7(879-35) 3-75-79, e-mail: info@a-group.com
Product Name:	Diammonium phosphate /DAP/ NP 21:53
EU fertilising product	PFC 1(C)(I)(a)(ii) Compound solid inorganic macronutrient fertiliser
IUPAC Name:	Diammonium hydrogenphosphate
Chemical formula:	$(\text{NH}_4)_2\text{HPO}_4$
CAS	7783-28-0
EC	231-987-8
REACH registration number	01-2119490974-22-0078
Only Representative (REACH)	REGARTIS s.r.o. Rubeška 393/7, 190 00 Prague 9, Czech Republic T +420 774 183 227; almazfertilizers@regartis.com https://www.regartis.com
Product type:	White crystals or white crystalline powder

Chemical composition:

№	Characteristics	Specification	Test Method
1	Total Nitrogen (N), % , not less	21 ±1	EN 15604:2009
2	Ammoniacal nitrogen (N-NH₄), % , not less	21 ±1	EN 15475:2009
3	Total Phosphorus Pentoxide (P₂O₅), % , not less	53±1	Extraction: EN 15958-2011 / Determination: EN 15959-2012
4	Water-soluble phosphorus pentoxide (P₂O₅), % , not less	53±1	Extraction: EN 15958-2011 / Determination: EN 15959-2012
5	Water, % , not more	0,5	EN 12048-96
6	Granulometry: Mass fraction of particle size: less than 1 mm, % , not less from 1 to 4 mm, % , not less from 4 to 6 mm, % , no more more than 6 mm, %	 95 98 2 0	sieve method

Product information: Poor in Chloride

Scope, intended use of the product: For professional use only

For use in agriculture. Diammonium phosphate is a solid water-soluble nitrogen-phosphorus fertilizer that is used in agricultural production on all types of soils, especially effective on acidic soils. It contains nitrogen and phosphorus in a form easily absorbed by plants. The fertilizer is recommended for use in open and protected ground conditions (in greenhouses, hydroponics, sprinkling systems). Diammonium phosphate is also used as a raw material for the preparation of liquid complex fertilizers. More detailed application information is available upon customer request.

Package shape and weight: The product is packed in accordance with the current regulatory documents of the manufacturer. Packing: by agreement with the consumer bags 25-50 kg, big bags 1000 kg

Transportation: Diammonium Phosphate /DAP is not classified as a dangerous goods under the UN

Recommendations on the Transport of Dangerous Goods. Transported by all modes of transport in accordance with the rules for the carriage of goods in force for each mode of transport.

Warranty period of storage: 12 months from the date of manufacture, subject to the conditions of transportation and storage.

Serial number (lot): see the date of manufacture on the package.

Storage time is unlimited

Detailed information on the safe use of the product is available in SDS