Nutrien
Feeding the Future™

Fertilizer Product Data Sheet
Effective Date: **August 4, 2026**
Product Code: **MAP / 507**
Location: **Aurora, White Springs**

Monoammonium Phosphate
Agricultural Grade
11-52-0

PRODUCT ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	11.0		11.4
Total Phosphate	wt. % P_2O_5			52.7
Available Phosphate	wt. % P_2O_5	52.0		52.6
Citrate Insoluble Phosphate	wt. % P_2O_5			< 0.10
Water Soluble Phosphate[1]	wt. % P_2O_5			47.6
Moisture (unground)	wt. % H_2O			1.1
Fluoride[1]	wt. % F			0.52
Sulfate	wt. % SO_4			5.4

1: Water Soluble Phosphate and Fluoride testing are specific to the Aurora location.

TYPICAL PHYSICAL PROPERTIES

Component	Units	Typical
Angle of Repose	Degrees	30
Bulk Density (Loose)	lb/ft^3	60
	kg/m^3	961
Bulk Density (Tapped)	lb/ft^3	69
	kg/m^3	1105
Size Guide Number (SGN)		292
Uniformity Index		52

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	5	5	4.00	6
	6	6	3.35	25
	7	7	2.80	56
	8	8	2.36	81
	9	10	2.00	93
	10	12	1.70	98
	14	16	1.18	100
Passing through . . .	14	16	1.18	Trace

Related information continued on the following page(s)

Refer to a Safety Data Sheet for more information

While listed minimum and maximum values are derived from product acceptance criteria, typical values are derived from historical data and are provided for general reference only. To the best of Nutrien's knowledge, the product falls within the stated minimum and maximum values, however Nutrien makes no representation, warranty or guarantee as to actual product results, which may vary. Individual samples – including grab samples or individual car samples – may fall outside the ranges listed. It is the user's responsibility to determine the suitability of the product for the user's own uses or purposes. Nutrien assumes no liability for any loss, damage, or consequences arising from any use of the information provided herein.

The manufacturing representative for this product is the following subsidiary of Nutrien Ltd.:

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