

Monoammonium Phosphate Agricultural Grade 11-52-0

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	11.0		11.2
Total Phosphate	wt. % P ₂ O ₅			52.3
Available Phosphate	wt. % P ₂ O ₅	52.0		52.2
Citrate Insoluble Phosphate	wt. % P ₂ O ₅			0.1
Water Soluble Phosphate	wt. % P ₂ O ₅			46.8
Moisture (unground)	wt. % H ₂ O			0.8
Fluoride	wt. % F			0.8
Sulfate	wt. % SO ₄			5.5

PHYSICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Bulk Density (Loose)	lb/ft ³ - kg/m ³			60 / 961
Bulk Density (Tapped)	lb/ft ³ - kg/m ³			69 / 1105
Uniformity Index				55
Angle of Repose	degrees			30
SGN				297

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. % (cumulative)
<i>Retained on . . .</i>	5	5	4.00	6
	6	6	3.35	26
	7	7	2.80	61
	8	8	2.36	87
	9	10	2.00	96
	10	12	1.70	99
	14	16	1.18	100
<i>Passing through . . .</i>	14	16	1.18	Trace



Fertilizer Product Data Sheet

Effective Date: **December 15, 2022**

Product Code: **MAP / 507**

Location: **Aurora, White Springs**

SDS: **201 / 507-14223**

Refer to a Safety Data Sheet for more information

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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