

Ammonium nitrate       $\text{NH}_4\text{NO}_3$       AN

$\text{NH}_4\text{NO}_3$

Software: CHETAH Ver. 8.0 (ASTM)

Heat of decomposition: 3.02 kJ/g

Decomposition products:

<b>Moles</b>	<b>State</b>	<b>Species</b>	
0.800	ref-gas	N2	Nitrogen
0.400	gas	HNO3	Nitric acid
1.800	gas	H2O	Water

Oxygen balance: 19.988