


Typical Product Specifications & Properties

Ammonium Chloride

CAS Number: : 12125-02-9

Specifications	Limits
Density	1.5274
Moisture	0.25% max
Iron	5 ppm max
Heavy Metals	10ppm max
Arsenic	1 ppm max
Assay	99.5 - 99.9%
pH of a 5% solution	3.8 - 6.0
Phosphate	0.2% max
Residue on Ignition	300 ppm max
pH	4.5-5.5 (1m water, 20 c)
Melting Point	337.8 c
Molecular weight	53.50

Specifications	Limits
Color	colorless to white crystal or powder, cooling saline taste
Solubility	methanol, ethanol
Boiling Point	520 c
Chemical Structure	 <p>The image shows the chemical structure of ammonium chloride, represented as a central nitrogen atom (N) with a positive charge, bonded to four hydrogen atoms (H). Below the structure is the Parchem logo, which consists of the word "parchem" in a stylized font, with a green "Cl-" ion symbol positioned above the "m". Underneath the logo, the text "fine & specialty chemicals" is written in a smaller font.</p>