

Ammonia (NH₃. H₂O) analysis of special packed column

氨水 (NH₃. H₂O) 分析专用填充柱

Industrial ammonia is ammonia 25% to 28% of the aqueous solution, ammonia, only a small part of ammonia molecules react with water to form ammonium ions and hydroxide ions, namely ammonium monohydrate, is only present in the ammonia in the weak base. Ammonia freezing point and concentration of ammonia, the commonly used (wt) 20% concentration of freezing point of about -35 °C. Neutralization reaction with acid produces heat. Risk of combustion explosion. The specific heat capacity was $4.3 \times 10^3 \text{ J / kg} \cdot ^\circ\text{C}$ (10% ammonia).

Because ammonia is corrosive, equipment and column life is short, and the chromatographic peak-shaped tail, quantitative error, no use value, can not promote the use of. Tengzhou Xiangying Analytical Technology Co., Ltd. is advancing with the times and guided by scientific development. Under the leadership of General Manager Wang Xiaoying, we rely on Xiangying Chromatography Engineering Research Institute and Analysis and Testing Center, and make unremitting efforts. A special column for the analysis of industrial ammonia filled column, in a leading domestic level. This pillar-shaped symmetry, high efficiency, long life, is also second to none in the country.

工业氨水是含氨 25%~28%的水溶液，氨水中仅有一小部分氨分子与水反应形成铵离子和氢氧根离子，即一水合铵，是仅存在于氨水中的弱碱。氨水凝固点与氨水浓度有关，常用的(wt)20%浓度凝固点约为-35℃。与酸中和反应产生热。有燃烧爆炸危险。比热容为 $4.3 \times 10^3 \text{ J/kg} \cdot ^\circ\text{C}$ （10%的氨水）。

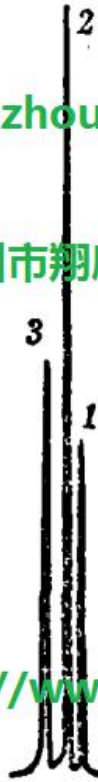
因氨水有腐蚀性，仪器和色谱柱使用寿命短，且色谱峰形拖尾，定量误差大，无使用价值，无法推广使用。

滕州市翔鹰分析技术有限公司与时俱进，以科学发展为指导，在王晓莹总经理的带领下，依托翔鹰色谱工程研究所和分析与测试中心 2 个科研单位，经过不懈努力，成功开发出工业氨水分析专用填充柱，在国内处于领先水平。此柱峰形对称，柱效高，使用寿命长，在国内也是首屈一指。

Tengzhou Xiangying Analytical Technology Co., Ltd

滕州市翔鹰分析技术有限公司

<http://www.xiangying17.net/>



$\text{NH}_3\text{-H}_2\text{O}$ 的分离

1. 空气(20''); 2. H_2O
(42''); 3. NH_3 (1'16'').

high quality

Each column is rigorously tested

Column types

Reliable technical support

Years of rich experience in chromatography analysis and technical team

Quality assurance:

Use high-quality stainless steel tube, glass tube and chromatographic fillers to produce a variety of highly efficient packed columns

If you need to use stainless steel filter plug ends at both ends of the column, please specify when ordering

If the column on the injection, the front entrance column will leave 6CM of space,

In order to prevent the chromatographic packing outflow, both ends of the column are sealed with silanized glass wool

If you use the valve injection or non-column on the column, the column entrance is filled

Can provide a variety of models used in gas chromatography GC column configuration

The inlet of the 2 mm inner diameter glass tube is provided with a bevel for ease of injection

Each column has been fully aged and rigorously evaluated for quality
高质量

每一根色谱柱经严格测试

色谱柱种类全

可靠的技术支持

多年积累丰富的色谱分析经验和团队

质量保证：

采用优质的不锈钢管、玻璃管和色谱填料制作各种高效填充色谱柱

如需要用不锈钢过滤网作为柱两端堵头，请在订货时注明

若采用柱上进样，柱入口前端将留有 6CM 的空间，

为防止色谱填料流出，柱两端均用硅烷化玻璃棉封堵

若采用阀进样或非柱上进样的色谱柱，其柱入口处被填满

可提供多种型号气相色谱仪所用玻璃柱构型

2mm 内径玻璃柱管的入口处均设有斜面以利进样

每根色谱柱均经过充分老化和严格质量评价测试