

^{15}N in the form of gas and salts for medical and agricultural applications



Nitrogen-15 (^{15}N) is used to produce ^{15}N labelled chemical compounds for medical and biomedical applications as well as improving the harvest in agriculture.

^{15}N in the form of gas has the potential as a lung imaging agent due to its comparable properties to air.

Nitrogen-15 in the form of N₂ gas

Specification

Physical and chemical properties:

- Material ¹⁵N in the form of gas.
- Enrichment ¹⁵N ≥ 99at%
- Purity ≥ 99%
- Volume Available in various volumes and various valve connections (please contact us).

Impurities in vppm

Not specified

Nitrogen-15 in the form of salts

Products

- Ammonium Chloride
- Ammonium Sulphate
- Potassium Nitrate
- Ammonium Nitrate
- Sodium Nitrate

Specification

Physical and chemical properties:

- Material ¹⁵N in the form of salts.
- Enrichment ¹⁵N ≥ 99at%
- Purity ≥ 99%

Impurities in µg/g

Chemical impurities are not specified.

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