

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Potassium nitrate-<sup>15</sup>N,<sup>18</sup>O<sub>3</sub> - 95 atom % <sup>18</sup>O, 98 atom % <sup>15</sup>N

Product Number:

493295

CAS Number:

285978-22-5

MDL:

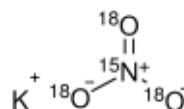
MFCD01075404

Formula:

K<sup>+</sup><sup>15</sup>N<sup>+</sup>(<sup>18</sup>O<sup>-</sup>)<sub>3</sub>

Formula Weight:

108.10 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystals
Water (by Karl Fischer)	≤ 0.5 %
<sup>15</sup> N Enrichment	≥ 98
<sup>18</sup> O BASED ON LABELED PRECURSOR	≥ 95
IC	≥ 99 %

Specification: PRD.0.ZQ5.1000063144

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.