

H&I Chemicals Ltd

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SALES SPECIFICATION

Nitric Acid 35%

Formula: HNO_3

Appearance: Colourless or Pale Yellow, clear liquid, free from suspended matter

Properties	Specification	Typical Analysis
Nitric Acid Content	33.0 – 37.0 % m/m	35.0% m/m
Specific Gravity @ 20°C	1.205 – 1.225	1.215
Nitrous Acid Content	<32 ppm m/m	<6.0 ppm m/m
Combined Ammonia Content	<3.1 ppm m/m	1.5 ppm m/m
Chloride as Cl	<0.5 ppm m/m	0.25 ppm m/m
Fluoride as F	<0.3 ppm m/m	<0.1 ppm m/m
Sulphate as Sulphuric Acid	<1.5 ppm m/m	0.5 ppm m/m
Calcinations Residue	<32 ppm m/m	<4.2 ppm m/m

Issue date: November 2022