

HI0215 Hydroxylamine hydrochloride, ExpertQ®, for analysis, ACS, ISO



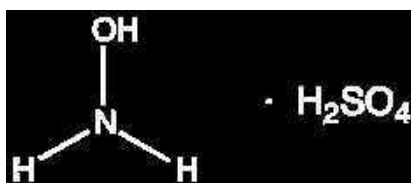
assay (permanganometric) min. 99 %
 identity (IR-spectrum) passes test
 insoluble in C₂H₅OH passes test
 insoluble in water passes test
 pH (5 %, H₂O) 2,5 - 4,0
 acidity max. 0,25 meq/g
 sulfates (SO₄) max. 0,002 %
 ammonium (NH₄) passes test

arsenic (As) max. 5 ppm
 copper (Cu) max. 5 ppm
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 5 ppm
 lead (Pb) max. 0,001 %
 sulphur compounds (as SO₄) max. 0,005 %
 residue on ignition max. 0,01 %

ART. NO.	VOLUME	CONTAINER
HI02150250	250 g	
HI02151000	1 kg	
HI0215025P	25 kg	

HYDROXYLAMMONIUM SULFATE

HI0225 Hydroxylammonium sulfate, EssentQ®



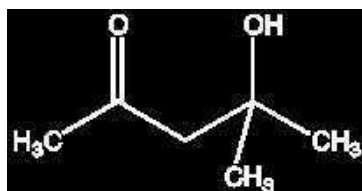
- Synonyms: Hydroxylamine sulfate
- (NH₂OH)₂SO₄
- M = 164,14 g/mol
- CAS [10039-54-0]
- EINECS-No.: 233-118-8
- Solub. in water: (20 °C): 587 g/l
- Melting point: 170 °C (decomposes)
- LD 50 (oral, rat): 937 mg/kg
- EC-Index-No.: 612-123-00-2 [2]
- ADR: 8 C2 III UN 2865
- IMDG: 8 III UN 2865
- IATA/ICAO: 8 III UN 2865
- GHS-signal word: Warning
- GHS-H sentences: H351 - H373 - H290 - H400 - H302 - H312 - H317 - H315 - H319
- GHS-P sentences: P260 - P261 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2825 10 00 00
- Applications: analytical chemistry, reducing agent, for the synthesis of: oximes.

assay (permanganometric) min. 99 %
 residue on ignition (as SO₄) max. 0,05 %
 water (K.F.) max. 0,5 %

ART. NO.	VOLUME	CONTAINER
HI02250250	250 g	
HI02251000	1 kg	

4-HYDROXY-4-METHYL-2-PENTANONE

AL0225 4-Hydroxy-4-methyl-2-pentanone, EssentQ®



- Synonyms: Diacetone alcohol, 2-Methyl-2-pentanol-4-one
- C₇H₁₂O₂
- M = 116,16 g/mol
- CAS [123-42-2]
- EINECS-No.: 204-626-7
- Density: 0,94 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -47 °C
- Boiling point: 166 °C
- Flash pt. 58 °C
- Ignition temp.: 640 °C
- Vapour pressure: (20 °C) 2 hPa
- Refraction index: (n 20 °C/D) 1,4233
- LD 50 (oral, rat): 4000 mg/kg
- EC-Index-No.: 603-016-00-1
- ADR: 3 F1 III UN 1148
- IMDG: 3 III UN 1148
- IATA/ICAO: 3 III UN 1148
- GHS-signal word: Warning
- GHS-H sentences: H226 - H319
- GHS-P sentences: P210 - P241 - P280 - P303 + P361 + P353 - P305 + P351 + P338 - P501a
- Tariff number: 2914 40 10 00
- Applications: solvents, for pharmaceutical use, in antifreeze compositions.
- Appearance: Clear liquid

assay (G.C.) min. 98 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,938 - 0,940
 residue on evaporation max. 0,005 %

ART. NO.	VOLUME	CONTAINER
AL0225005P	5 l	