

## Product Specification

**Harp<sup>®</sup> Carbon Dioxide (R744)**

CAS Number: 124-38-9  
Chemical Name: Carbon Dioxide  
Chemical Formula: CO<sub>2</sub>

---

**Guaranteed Specifications**

Carbon Dioxide	Minimum	99.9	%v/v
Water content	Maximum	10	ppm w/w
Oxygen	Maximum	10	ppm v/v
Nitrogen	Maximum	60	ppm v/v
Hydrogen	Maximum	5	ppm v/v
Argon	Maximum	1	ppm v/v
Halogen (as Cl)	Maximum	0.5	ppm w/w
Total hydrocarbons	Maximum	10	ppm v/v
Total Sulphur	Maximum	0.1	ppm v/v
Non volatile residue	Maximum	10	ppm w/w
Acidity		Pass	

For toxicological and health and safety information, please consult the relevant Material Safety Data Sheet.

Issue No.2  
Reviewed by CJH, July 2014.

**Harp International Limited**  
Gellihirion Industrial Estate, Pontypridd, Rhondda Cynon Taff, CF37 5SX  
United Kingdom

Telephone: +44 (0) 1443 842255  
E-mail: [harp@harpintl.com](mailto:harp@harpintl.com)

Fax: +44 (0) 1443 841805  
Web: <http://www.harpintl.com>