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SODIUM CARBONATE LIGHT

JULY 2007

Description: Hygroscopic white powder

Synonyms: Light ash, light soda ash, sodium carbonate anhydrous

CAS NO: 497-19-8 **Formula:** Na₂CO₃ **MW:** 105.99

Specification

Total alkali as Na ₂ CO ₃	Min 99% w/w
Total alkali as Na ₂ O	Min 57.9% w/w
Pouring density	480 – 600 kg/m ³

Maximum level of impurities

Bicarbonate as NaHCO ₃	0.7%
Chloride as NaCl	0.3%
Sulphate as Na ₂ SO ₄	400 ppm
Iron as Fe ₂ O ₃	20 ppm
Arsenic	1 ppm
Cadmium	1 ppm
Chromium	1 ppm
Cobalt	1 ppm
Copper	1 ppm
Fluoride	15 ppm
Lead	1 ppm
Manganese	1 ppm
Nickel	1 ppm
Titanium	1 ppm
Vanadium	1 ppm
Insolubles	200 ppm
Moisture	0.5% w/w
Mercury	0.1 ppm

Sieve analysis

Mean particle size	100 + 20 μm
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Meets the requirements of : BS3674:1981, BS3305 / ISO424 – 1977 for photographic grade, BSEN 897:2005

Revision 06

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