

ascott

testing corrosion resistance to the limit

Corro-Salt®

Salt for Salt Spray Testing



- Highest purity salt for serious testing
- For all salt spray testing including the stringent ASTM B117
- Sensibly priced with volume discounts
- Available in 25 kg drums or bags
- 25 kg drums are supplied with a scoop to maintain purity when handling
- Supplied by the leading manufacturer of corrosion test chambers

Chemical composition verified by an independent UKAS accredited laboratory



Corro-Salt®

specifications

The use of very pure salt for salt spray testing is specified by the majority of salt spray test standards. The most popular of these is ASTM B117 which states:

Impurity description	Allowable amount
Total impurities	<0.3%
Halides (bromide, fluoride & iodide) excluding chloride	<0.1%
Copper	<0.3 ppm
Anti-caking agents	none

Since many other international salt spray test standards have similar requirements to ASTM B117, this represents a useful bench-mark in terms of salt purity. For information on compliance with other test standards, please contact us or refer to our Web site.

Ascott Corro-Salt® meets the requirements of ASTM B117 in full. Verification of this is provided by way of a detailed chemical analysis, from an independent UKAS accredited test laboratory, which accompanies each consignment.

Corro-salt® is supplied in either 25 kg re-sealable drums, for convenient long-life storage, or low-cost 25 kg bags for high volume users. The 25 kg drums also include a scoop to maintain purity when handling. For all users we recommend purchasing at least one drum initially, which can then be refilled using the 25 kg bags if desired. A 5 kg sample drum of salt is available for evaluation, on request.

Typical analysis of Corro-Salt®

Analysis by X-ray fluorescence

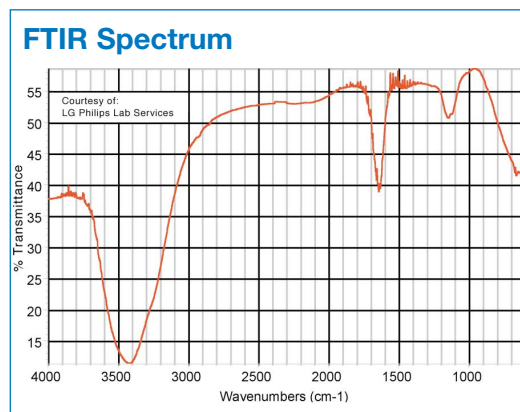
Total halides	0.025 %
Bromide	0.022 %
Fluoride	< 0.05 %
Iodide	0.0029 %

Analysis by atomic absorption

Copper	< 0.2 ppm
Nickel	0.00006 %
Lead	0.00003 %
Iron	0.00021 %
Barium	0.000006 %
Arsenic	< 0.1 ppm

Analysis by Fourier transform infrared

Organics	trace (<1 ppm) see FTIR spectrum
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Ordering information

	Code	Description
	SALA530	25 kg drum of salt with scoop
	SALA500	25 kg bag of salt

Ascott corrosion test chambers

Ascott also manufactures a range of salt spray test chambers and cyclic corrosion test chambers to the highest standards. Four chamber sizes are available from a 120 Ltr bench top right through to a massive 2000 Ltr model for the largest of test pieces.



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