



# H. C. NUTTING COMPANY

Employee owned

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS  
SINCE 1921

CORPORATE CENTERE  
611 LUNKEN PARK DRIVE  
CINCINNATI, OHIO 45226  
(513) 321-5816  
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JUNE 15, 1998

W.O.#15746.001  
Mr. James Sist  
ChemTec International  
7771 Woodstone Drive  
Drive 100  
Cincinnati, Ohio 45244-2855

**Subj: Soluble Chloride Test Results**  
from Concrete Specimens Treated  
with Chemtec One. Conducted  
Per Modified EPA Method 300.

**Re: Test Specimens ID 3249 &3250**

Dear Mr. Sist:

We are pleased to submit herewith the results of two soluble chloride tests conducted on two respective concrete specimens each having been treated with ChemTec One. A reactive silicate, previously applied in accordance with the manufactures specifications. Test samples were extrated from concrete surfaces that had been exposed to 100 plus freeze-thaw cycles in accordance with ASTM C-672.

Test samples are identified as HCN lab samples 3249 and 3250. The soluble chloride test procedures were conducted in accordance with the Modified EPA Method 300. The test are tabulated in the attached chart for each test.

The results are classified as "excellent" since the amount of soluble chloride is very low for both tests. Chemtec One was applied at a rate of 100 sq. ft. per gallon per application, with two applications 8 hours apart. Curing time exceeded 24 hours.

Respectfully submitted,  
H.C. NUTTING COMPANY

Gary D. Pfuehler, P. E.  
Senior Materials Engineer

Robert L. House  
Director of Laboratories



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Sample Set ID: 98C-3094

## Data Table Chloride

Client ID	Lab ID	mg/kg (ppm)	% chloride
3249	98-18212	810.	0.081
3250	98-18213	450.	0.056
	PQL	2.0	0.00020

No indicates analyte was not detected above the Practical Quantitation Limit (PQL),

Hong Ngo  
Analyst

Edward J. Smith  
Data Review