

OYSTER CREEK NUCLEAR GENERATING STATION CHEMISTRY DEPARTMENT

ector Name : DET01
port Generated On : 5/7/09 6:59:11 PM
pectral Data File Name : C:\PCNT2K\CAMFILES\1225GASM\600392.CNF
 :
mple Title : 1225 Gas Mar'lli
mple Description : CST air sample
er ID : tn
mple Type : 6
mple Geometry : 1225 Gas Mar'lli
 : TAKEN INSIDE OF OPEN CST
 : MANWAY
 : < MDA NOISE GASES
ak Locate Threshold : 3.00
ak Locate Range (in channels) : 1 - 4096
ak Area Range (in channels) : 100 - 4096
antification Energy Tolerance : 1.000 keV
mple Size : 1225.00 cc
mple Taken On : 5/7/09 5:00:00 PM
quisition Started : 5/7/09 6:09:00 PM
ay Time : 6.90E+001 Minutes
ve Time : 3000.0 Seconds
al Time : 3009.5 Seconds
ad Time : 0.32 %

Energy Calibration Used Done On : 1/8/09
Efficiency Calibration Used Done On : 8/5/06

1-23

> Nuclide Identification results to report.

 ** N U C L I D E I D E N T I F I C A T I O N R E P O R T **

Sample Title: 1225 Gas Mar'11i
 Nuclide Library Used: C:\GENIE2K\CAMFILES\ANL011.NLB

..... IDENTIFIED NUCLIDES

Nuclide Name	Id Confidence	Energy (keV)	Yield (%)	Activity (uCi/cc)	Activity Uncertainty
-----------------	------------------	-----------------	--------------	-----------------------	-------------------------

* = Energy line found in the spectrum.
 @ = Energy line not used for Weighted Mean Activity
 Energy Tolerance : 1.000 keV
 Nuclide confidence index threshold = 0.30
 Errors quoted at 1.000 sigma

 ** INTERFERENCE CORRECTED REPORT **

Nuclide Name	Nuclide Id Confidence	Wt mean Activity (uCi/cc)	Wt mean Activity Uncertainty
--------------	--------------------------	----------------------------------	------------------------------------

- ? = nuclide is part of an undetermined solution
- X = nuclide rejected by the interference analysis
- @ = nuclide contains energy lines not used in Weighted Mean Activity

Errors quoted at 1.000 sigma

peak search results available for nuclide analysis.