

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES NONCONFORMANCE REPORT

Project No. (Audit 2005-1) 06002.01.031

NCR No. 2005-24

PART 1: DESCRIPTION OF NONCONFORMANCE

Contrary to the requirements of QAP-016, Rev. 8, Chg. 1, Q-codes had not been applied to on one purchase order for chemicals. (Para. 4.1 and 4.2)

Initiated by: R. Weber Date: May 18, 2005

Action Required by: E. Percy Response Due Date: June 1, 2005

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition: Accept as is

Basis of Disposition: Appropriate Q codes would require certificates of analysis to be provided by the supplier. Certificates of analysis were supplied, see attached.

Action to Correct Nonconformance: None required. The requestor and QA reviewer are aware of the omission and will take care to avoid similar errors in the future.

Target date for completion: 5/20/2005

Proposed by: E. Percy Date: 5/20/2005

PART 3: APPROVAL

Manager:  Date: 5/20/2005

Director of QA:  Date: 5/20/2005

Comments/Instructions:

PART 4: CLOSE OUT

Comments:

No further action required.

Verified by:  Date: 5/23/05

Distribution:

Original- QA Records

ORIGINATOR

MANAGER ECP

Asst. DIRECTOR GW

Requisition: 05012105
 Requisitioner: Juckett, Miriam R
 Req Organization: 1.20.01.20
 Phone: (210) 522-3266

SOUTHWEST RESEARCH INSTITUTE

Suggested Supplier: Aldrich
 City/State: Milwaukee, WI

Phone: 800-325-3010 Fax: 800-325-5052

Date Printed: 05/19/2005
 Date Created: 01/28/2005
 Requisition Date: 02/01/2005

Special Instructions: Please note this order is for gram quantity.

Line #	Item / Description	U/M	Need By Date	Requested Qty	Est Unit Cost	Estimated Costs
1	Calcium sulfate dihydrate, Cat. No. 255548, 100 grams Deliver To: Miriam Juckett Account: 754-000 Organization: 1.20 Allocation Pct: 100.00	EA	2/2/2005	1.00	20.20	20.20
2	Potassium Fluoride dihydrate, Cat. No. 2218 72, 5 grams Deliver To: Miriam Juckett Account: 754-000 Organization: 1.20 Allocation Pct: 100.00	EA	2/2/2005	1.00	13.50	13.50
Total Estimated Cost:						\$33.70

Quality Assurance?: YES ASL Required: YES

Sourcing Explanation: Preferred vendor.

Approvals: Requestor: Miriam Ruth Juckett 1/31/2005 1:09:45 PM
 Department/Division Management: English C Pearcy 1/31/2005 3:32:35 PM Patrick C Mackin 2/1/2005 9:14:57 AM
 Quality Assurance: Robert D Brient 1/31/2005 1:17:09 PM

Submitted By: Shirlee Garcia 2/1/2005 10:48:12 AM



SIGMA-ALDRICH

Certificate of Analysis

Product Name	Calcium sulfate dihydrate
Product Number	25,554-8
Product Brand	ALDRICH
CAS Number	10101-41-4
Molecular Formula	CaO ₄ S · 2H ₂ O
Molecular Weight	172.17

TEST	SPECIFICATION	LOT 02631TB RESULTS
APPEARANCE	WHITE TO OFF-WHITE POWDER	WHITE POWDER
TITRATION	98.0% - 102.0% (COMPLEXOMETRIC)	100.6% (COMPLEXOMETRIC) *
ICP ASSAY	CONFIRMS CALCIUM AND SULFUR COMPONENTS.	CONFIRMS CALCIUM AND SULFUR COMPONENTS
INSOLUBLE MATTER	0.02% (MAXIMUM) (C=3.3%, DILUTE HCL)	0.01% (3.33%, DIL HCL) *
CHLORIDE	0.005% (MAXIMUM)	0.003% *
CARBONATE	PASSES TEST	PASSES TEST *
IRON	0.001% (MAXIMUM)	0.0005% *
HEAVY METALS	0.002% (MAXIMUM) (AS PB)	0.001% (AS PB) *
POTASSIUM	0.005% (MAXIMUM)	0.003% *
MAGNESIUM	0.02% (MAXIMUM)	0.003% *
SODIUM	0.02% (MAXIMUM)	0.01% *
NITRATE	PASSES TEST	PASSES TEST *
STRONTIUM	0.05% (MAXIMUM)	0.01% *
	OR	* SUPPLIER DATA
	REVISED JANUARY 10, 2000 JSB	* SUPPLIER DATA
	OR	MEETS REQUIREMENTS OF ACS 9TH ED
	REVISED JANUARY 10, 2000 JSB	MEETS REQUIREMENTS OF ACS 9TH ED
		EXACT REPLACEMENT FOR PRODUCT NUMBERS C7411
PRODUCT CROSS		
REFERENCE INFORMATION		
QUALITY CONTROL		FEBRUARY, 2004
ACCEPTANCE DATE		

Ronnie J. Martin, Supervisor
Quality Control
Milwaukee, Wisconsin USA



SIGMA-ALDRICH

Certificate of Analysis

Product Name Potassium fluoride dihydrate
Product Number 22,187-2
Product Brand ALDRICH
CAS Number 13455-21-5
Molecular Formula FK · 2H₂O
Molecular Weight 94.13

TEST **SPECIFICATION**
APPEARANCE COLORLESS TO WHITE CRYSTALS AND/OR CHUNKS
TITRATION 19.6%-20.7% F (WITH FLUORIDE ION SELECTIVE
ICP ASSAY CONFIRMS POTASSIUM COMPONENT
PRODUCT CROSS
REFERENCE INFORMATION

OR
REVISED JULY 29, 1998 JSB

LOT 09516JC RESULTS
WHITE CRYSTALS
20.1% F *
CONFIRMS POTASSIUM COMPONENT
REPLACES PRODUCT NUMBER P6642

* SUPPLIER DATA
* SUPPLIER DATA
AUGUST, 2004

QUALITY CONTROL
ACCEPTANCE DATE

Ronnie J. Martin, Supervisor
Quality Control
Milwaukee, Wisconsin USA