

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

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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 Percy 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 $\text{CaO}_4\text{S} \cdot 2\text{H}_2\text{O}$
Molecular Weight 172.17

TEST	SPECIFICATION
APPEARANCE	WHITE TO OFF-WHITE POWDER
TITRATION	98.0% - 102.0% (COMPLEXOMETRIC)
ICP ASSAY	CONFIRMS CALCIUM AND SULFUR COMPONENTS.
INSOLUBLE MATTER	0.02% (MAXIMUM) (C=3.3%, DILUTE HCL)
CHLORIDE	0.005% (MAXIMUM)
CARBONATE	PASSES TEST
IRON	0.001% (MAXIMUM)
HEAVY METALS	0.002% (MAXIMUM) (AS PB)
POTASSIUM	0.005% (MAXIMUM)
MAGNESIUM	0.02% (MAXIMUM)
SODIUM	0.02% (MAXIMUM)
NITRATE	PASSES TEST
STRONTIUM	0.05% (MAXIMUM)
	OR
	REVISED JANUARY 10, 2000 JSB
	OR
	REVISED JANUARY 10, 2000 JSB

PRODUCT CROSS**REFERENCE INFORMATION****QUALITY CONTROL****ACCEPTANCE DATE****LOT 02631TB RESULTS**

WHITE POWDER
100.6% (COMPLEXOMETRIC) *
CONFIRMS CALCIUM AND SULFUR COMPONENTS
0.01% (3.33%, DIL HCL) *
0.003% *
PASSES TEST *
0.0005% *
0.001% (AS PB) *
0.003% *
0.003% *
0.01% *
PASSES TEST *
0.01% *
* SUPPLIER DATA
* SUPPLIER DATA
MEETS REQUIREMENTS OF ACS 9TH ED
MEETS REQUIREMENTS OF ACS 9TH ED
EXACT REPLACEMENT FOR PRODUCT NUMBERS C7411

FEBRUARY, 2004

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 $\text{FK} \cdot 2\text{H}_2\text{O}$
Molecular Weight 94.13

TEST**APPEARANCE****TITRATION****ICP ASSAY****PRODUCT CROSS****REFERENCE INFORMATION****SPECIFICATION**

COLORLESS TO WHITE CRYSTALS AND/OR CHUNKS

19.6%-20.7% F (WITH FLUORIDE ION SELECTIVE

CONFIRMS POTASSIUM COMPONENT

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