



Ninety-First Session
9 – 12 July 2019

EC-91/DEC.1
11 July 2019
Original: ENGLISH

DECISION

LISTS OF NEWLY VALIDATED DATA ON NON-SCHEDULED CHEMICALS RELEVANT TO THE CHEMICAL WEAPONS CONVENTION FOR INCLUSION IN THE OPCW CENTRAL ANALYTICAL DATABASE

The Executive Council,

Recalling that the Executive Council (hereinafter “the Council”) at its Fourth Session adopted a decision on the “Proposed Mechanism for Updating the OPCW Central Analytical Database” (EC-IV/DEC.2, dated 5 September 1997), which was subsequently adopted by the Conference of the States Parties (hereinafter “the Conference”) at its Second Session (subparagraph 11.2(c) of C-II/8, dated 5 December 1997);

Also recalling that the Director-General established a Validation Group to evaluate new data proposed for inclusion in the OPCW Central Analytical Database (OCAD) and that the Group, at its Forty-Seventh Meeting on 25 and 26 September 2018 and Forty-Eighth Meeting on 19 and 20 March 2019, forwarded the lists of validated analytical data on non-scheduled chemicals relevant to the Chemical Weapons Convention (hereinafter “the Convention”), with their justification statements, to the Director-General for appropriate action (S/1681/2018 (dated 19 October 2018) and S/1740/2019 (dated 8 April 2019));

Recalling further that the Director-General has forwarded to the Council for consideration at its Ninety-First Session the Note entitled “Lists of Newly Validated Data on Non-Scheduled Chemicals Relevant to the Chemical Weapons Convention for Approval by the Executive Council for Inclusion in the OPCW Central Analytical Database” (EC-91/DG.6, dated 22 May 2019);

Recalling further that the use of data on non-scheduled chemicals relevant to the Convention during inspections is subject to the inspected State Party’s agreement, in accordance with the decision of the Council at its Eighty-Sixth Session (EC-86/DEC.10, dated 13 October 2017) and of the Conference at its First Session (C-I/DEC.64, dated 22 May 1997 and Corr.1, dated 13 October 1997);

Bearing in mind that the Verification Division made available to States Parties, upon request, copies of the newly validated tandem mass spectrometry (MS/MS) data listed in the Annex to EC-91/DG.6 and that, in accordance with the mechanism for the updating of the OCAD, referred to in the first paragraph above, any State Party that had concerns about the proposed inclusion in the OCAD of any data contained in the Annex to EC-91/DG.6 had the opportunity to make their concerns known to the Technical Secretariat (hereinafter “the Secretariat”) before the Ninety-First Session of the Council;



Also bearing in mind that no concerns in relation to the proposed inclusion in the OCAD of any of the data listed in the Annex to EC-91/DG.6 and reproduced in the Annex hereto were communicated to the Secretariat before the Ninety-First Session of the Council; and

Further bearing in mind that the States Parties can raise their concerns about the inclusion in the OCAD of any of the data annexed to this decision, for consideration by the Secretariat and Council;

Hereby:

1. **Approves** the inclusion in the OCAD of the lists of newly validated data annexed hereto; and
2. **Recognises** that the use of data on non-scheduled chemicals relevant to the Convention during inspections is subject to the inspected State Party's agreement, in accordance with EC-86/DEC.10 and C-I/DEC.64 and Corr.1.

Annex (English only): Lists of Newly Validated Data on Non-Scheduled Chemicals
Relevant to the Chemical Weapons Convention

Annex

**LISTS OF NEWLY VALIDATED DATA ON NON-SCHEDULED CHEMICALS
RELEVANT TO THE CHEMICAL WEAPONS CONVENTION**

**TABLE 1: LIST OF APPROVED MS/MS DATA ON NON-SCHEDULED
CHEMICALS RELEVANT TO THE CONVENTION**

OPCW Code	Chemical Name	Schedule	Justification¹
02-5-0001	Tributyl phosphate	Standard ²	Reference standards for evaluation
02-5-0002	Tributyl phosphate	Standard	
02-5-0003	Tributyl phosphate	Standard	
02-5-0004	Dibutyl phosphate	Standard	
02-5-0005	Dibutyl phosphate	Standard	
02-5-0006	Dibutyl phosphate	Standard	
02-5-0025	2-(N,N-Diisopropylamino)ethylsulfonic acid	NS	Degradation products of V-type nerve agents 1.A.03
02-5-0026	2-(N,N-Diisopropylamino)ethylsulfonic acid	NS	
02-5-0027	2-(N,N-Diisopropylamino)ethylsulfonic acid	NS	
02-5-0028	Bis(2-N,N-diisopropylaminoethyl)disulfide	NS	
02-5-0029	Bis(2-N,N-diisopropylaminoethyl)disulfide	NS	
02-5-0030	Bis(2-N,N-diisopropylaminoethyl)disulfide	NS	
02-5-0031	Bis(2-hydroxyethyl)sulfoxide	NS	Degradation product/impurity of sulfur mustard 1.A.04
02-5-0032	Bis(2-hydroxyethyl)sulfoxide	NS	
02-5-0033	Bis(2-hydroxyethyl)sulfoxide	NS	
02-5-0034	Bis(carboxymethyl)sulfide	NS	
02-5-0035	Bis(carboxymethyl)sulfide	NS	
02-5-0036	Bis(carboxymethyl)sulfide	NS	
08-5-0001	Tributyl phosphate	Standard	Reference standards for evaluation
08-5-0002	Tributyl phosphate	Standard	
08-5-0003	Tributyl phosphate	Standard	

¹ A classification, as that for non-scheduled GC/MS data used for on-site analysis, is not necessary for MS/MS data as it is used only by off-site laboratories.

² Reference chemicals (noted as standards in this table) are required for evaluation in accordance with S/1686/2018 (dated 13 November 2018).

OPCW Code	Chemical Name	Schedule	Justification¹
08-5-0007	N-Methyldiethanolamine-N-oxide	NS	Degradation product/impurity of nitrogen mustard 1.A.06
08-5-0008	N-Methyldiethanolamine-N-oxide	NS	
08-5-0009	N-Methyldiethanolamine-N-oxide	NS	
08-5-0013	N-Ethyldiethanolamine-N-oxide	NS	
08-5-0014	N-Ethyldiethanolamine-N-oxide	NS	
08-5-0015	N-Ethyldiethanolamine-N-oxide	NS	
08-5-0019	Triethanolamine-N-oxide	NS	
08-5-0020	Triethanolamine-N-oxide	NS	
08-5-0021	Triethanolamine-N-oxide	NS	
14-5-0001	Tributyl phosphate	Standard	Reference standards for evaluation
14-5-0002	Tributyl phosphate	Standard	
14-5-0003	Tributyl phosphate	Standard	
14-5-0022	Bis(2-hydroxyethylthio)ethane	NS	Degradation product/impurity of sulfur mustard 1.A.04
14-5-0023	Bis(2-hydroxyethylthio)ethane	NS	
14-5-0024	Bis(2-hydroxyethylthio)ethane	NS	
14-5-0025	Bis(2-hydroxyethylthioethyl)ether	NS	
14-5-0026	Bis(2-hydroxyethylthioethyl)ether	NS	
14-5-0027	Bis(2-hydroxyethylthioethyl)ether	NS	
02-5-0067	(2-N,N-Diisopropylaminoethyl)(2-N-isopropylaminoethyl)disulfide	NS	Known impurity/degradation product associated with 1.A.03 synthesis
02-5-0068	(2-N,N-Diisopropylaminoethyl)(2-N-isopropylaminoethyl)disulfide	NS	
02-5-0069	(2-N,N-Diisopropylaminoethyl)(2-N-isopropylaminoethyl)disulfide	NS	
02-5-0088	Ethyl N,N-diethylphosphoramidofluoridate	NS	Potential reaction by-products of 1.A.01 and 1.A.02
02-5-0089	Ethyl N,N-diethylphosphoramidofluoridate	NS	
02-5-0090	Ethyl N,N-diethylphosphoramidofluoridate	NS	
02-5-0091	Tetraethylphosphorodiamidic fluoride	NS	
02-5-0092	Tetraethylphosphorodiamidic fluoride	NS	
02-5-0093	Tetraethylphosphorodiamidic fluoride	NS	