

**NOTE BY THE DIRECTOR-GENERAL****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**

1. In accordance with the decision by the Executive Council (hereinafter “the Council”) at its Fourth Session entitled “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), the Director-General established a Validation Group to evaluate new data to be proposed for inclusion in the OPCW Central Analytical Database (OCAD). The Group met for the forty-seventh time on 25 and 26 September 2018, and for the forty-eighth time on 19 and 20 March 2019, and submitted the lists of newly validated data on non-scheduled chemicals, as along with their justification statements, to the Director-General for appropriate action.
2. In accordance with the aforementioned mechanism for the updating of the OCAD, lists of newly validated data proposed for inclusion in the OCAD will be submitted to the members of the Council and distributed to all States Parties no later than 30 days before the opening of the Ninety-First Session of the Council, during which the Council will be requested to consider the data and approve its inclusion in the OCAD. The Technical Secretariat (hereinafter “the Secretariat”) hereby submits to the members of the Council and distributes to all States Parties the lists of newly validated analytical data on non-scheduled chemicals relevant to the Convention, which are proposed for inclusion in the OCAD (see the Annex to this Note).
3. 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).
4. The Verification Division will, upon request, make available to States Parties copies of the newly validated tandem mass spectrometry (MS/MS) data listed in the Annex hereto. In accordance with the mechanism referred to in paragraph 1 above, any State Party that has concerns about the proposed inclusion of any of this data in the OCAD should make them known to the Secretariat before the Ninety-First Session of the Council.



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 OF 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	