

Quality Assurance (QA) for Health Products

QA Notice

IN N° 2022-02 Version 1_07 Feb 2022	Quarantine and Precautionary measures for Isoniazid 100mg tablet manufactured by Lupin, India.
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Addressees

- All PRs through HPM specialist.
- Any entity or health facility having the listed product batches in stock (central store, pharmacies, retailer), in transit or under custom clearance.
- Any procurers, buyers with a pending order.

Purpose

The GF QA is issuing this information notice to provide recommendations and way forward to PRs regarding the procurement of Finished Pharmaceuticals Products (FPP) **Isoniazid 100mg tablet manufactured by Lupin, India.**

This notice is for internal and external dissemination and country teams are expected to communicate this information to their relevant stakeholders.

Identification of the product(s) and manufacturer

Name of Manufacturer	Lupin Ltd, Rifa & Non-Rifa Facilities, Block No 1 & 2, A-28/1 MIDC Industrial Area, Chikalthana, Aurangabad, 431 210, India
INN Name	Isoniazid
Pharmaceutical form	Tablets
Strength	100 mg
Packaging & Pack size	10X10 Tablets Blister Pack
Batch(es)	Multiple (see annex 1_Lupin notification, see annex 2_GDF TGF funded order list)
Expiry Date	Multiple

Background

- On the 12th of January 2022, GF QA received information from the Global Drug Facility (GDF), of a safety notification issued by one of their qualified manufacturer Lupin, concerning quality issue for **Isoniazid tablet 100mg** manufactured at the Lupin manufacturing site Ltd, Rifa & Non-Rifa Facilities, Block No 1 & 2, A-28/1 MIDC Industrial Area, Chikalthana, Aurangabad, 431 210, India. The manufacturer recommended to quarantine the available warehouse stock of several batches of the product Isoniazid Tablets 100 mg.
- Similar OOS concerning the same product was reported in 2021 on the batch No. A905559 resulting in request for quarantine.

Nature of defect(s)

<p>Details of defect or problem.</p>	<p>Out of specification in commercial stability analysis of product Isoniazid Tablets BP 100 mg, batch no. A902382 at 31 months.</p> <p>Tablets description observed as "<u>Light yellow</u>", against specification limit of "White to off white"</p> <p>Batch no. A902382 was charged for the stability study as annual stability batch for year 2019. (Batch representative of Year 2019). Therefore, all other marketed batches represented by the annual stability batch are concerned (see annex 1_Lupin notification)</p>								
<p>Is there any evidence or suspicion of a risk to public health?</p>	<p>All other test results like assay, dissolution and related substances found complying with specification limit and as per the product trend therefore no evidence of lack of efficacy or risk for patient.</p>								
<p>Extent of the problem (eg. how many batches).</p>	<ul style="list-style-type: none"> Total batches distributed to TGF countries: 28 batches Total number of countries concerned: 15 Total quantities distributed to TGF countries: 288 636 packs 								
<p>Extent of distribution of the product / batch (es).</p>	<p>15 countries concerned see annex 1 for further details.</p> <table border="1" data-bbox="858 1738 1230 2085"> <tr><td>Madagascar</td></tr> <tr><td>Ivory Coast</td></tr> <tr><td>Burkina Faso</td></tr> <tr><td>Guinea</td></tr> <tr><td>Democratic Republic of Congo</td></tr> <tr><td>Togo</td></tr> <tr><td>Benin</td></tr> <tr><td>Pakistan</td></tr> </table>	Madagascar	Ivory Coast	Burkina Faso	Guinea	Democratic Republic of Congo	Togo	Benin	Pakistan
Madagascar									
Ivory Coast									
Burkina Faso									
Guinea									
Democratic Republic of Congo									
Togo									
Benin									
Pakistan									

	<table border="1"> <tr><td>Ukraine</td></tr> <tr><td>Albania</td></tr> <tr><td>Zambia</td></tr> <tr><td>Nigeria</td></tr> <tr><td>Mozambique</td></tr> <tr><td>Guatemala</td></tr> <tr><td>Indonesia</td></tr> </table> <p>This list of countries is based on current data available and concerned only procurement through PPM mechanism. It should not be considered as fully exhaustive.</p>	Ukraine	Albania	Zambia	Nigeria	Mozambique	Guatemala	Indonesia
Ukraine								
Albania								
Zambia								
Nigeria								
Mozambique								
Guatemala								
Indonesia								
Number of patients potentially impacted	TBD							
Other products potentially impacted	No other products impacted.							

Action/Investigations taken

- IDA, GDF’s PSA identified the countries that were impacted by the **Isoniazid tablet 100mg** OOS, provided the list to GDF and contacted the PRs of the concerned countries recommending to quarantine the remaining stock.
- GF QA required GDF to stop procuring the Pharmaceutical Finished Product **Isoniazid tablet 100mg** manufactured by Lupin, India.

Next Steps

The following additional actions are recommended by GF QA:

- To stop procuring the Finished Pharmaceutical Product **Isoniazid tablet 100mg** manufactured by Lupin until further notice;
- To stop any shipment and further distribution of any batches **Isoniazid tablet 100mg** manufactured by Lupin until further notice;
- To put in quarantine all the batches (mentioned in the Lupin notification) of **Isoniazid tablet 100mg** at central storage level, regional as well at peripheral level (pharmacy and retail level) of the supply chain;
- Not to recall at user level;
- To report or confirm to the GDF’s Procurement Agent copying GDF and GF QA the stock put in quarantine;
- To contact and liaise on the same with National Regulatory Authority.

Note: As a result of their investigation, Lupin considered that there is no impact of observed description failure on the batch quality, and a proposal for the revision of product description from "white to off white" to "White to yellowish tablets" has been submitted to WHO. Based on the response from the WHO further batches deposition decision will be communicated.

Contacts

This QA Notice requires a specific written response from the PR on **Isoniazid tablet 100mg** manufactured by Lupin.

PRs should copy GF QA Team and GDF on any correspondence regarding the quarantine **Isoniazid tablet 100mg** manufactured by Lupin.

Please direct the respective answers and any questions about this matter to the technical contacts listed below:

Organization	Name / Function	E-mail address
Global Fund	Sandrine Cloëz, QA Pharmaceuticals Products Specialist	Sandrine.Cloez@theglobalfund.org
Global Drug Facility Team	Nigorsulton Muzafarova, Lead Product Quality Officer	nigorsultonm@stoptb.org

Annex 1: Lupin Notification

LUPIN LIMITED

A-28/1, MIDC, Chikalthana,
Aurangabad - 431 210 - Maharashtra
Tel: 91 - 240 - 2485871-72, 91 - 240 - 6612444
Fax : 91 - 240 - 2484121



05th January 2022

To,
Ram Iyer,
Demand Planning,
Lupin Ltd.

Subject: To quarantine the available warehouse stock of product Isoniazid Tablets BP 100 mg.

This is to bring your notice that, we have observed an out of specification in commercial stability analysis of product Isoniazid Tablets BP 100 mg, batch no. A902382 at 31M; 30±2°C&65±5%RH condition.

Batch no. A902382 was charged for the stability study as annual stability batch for year 2019.

We hereby want to inform you to quarantine the available stock of below mentioned batches until further instruction from our team.

Table no.1

Isoniazid Tablets BP 100 mg								
Sr. No.	Material	Material Description	Batch No.	Mfg. Date.	Exp. Date	Dispatch Date	Dispatched Quantity	Unit
1	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A901352	Mar-19	Feb-22	July 10, 2019	1278	Boxes
						July 3, 2019	250	Boxes
2	403411	ISONIAZID 100MG 10X10T GDF	A901351	Mar-19	Feb-22	June 22, 2019	1096	Boxes
						June 22, 2019	4530	Boxes
						May 10, 2019	1867	Boxes
						April 25, 2019	2072	Boxes
						April 17, 2019	500	Boxes
3	403411	ISONIAZID 100MG 10X10T GDF	A902057	Apr-19	Mar-22	June 22, 2019	11475	Boxes
4	403411	ISONIAZID 100MG 10X10T GDF	A902058	Apr-19	Mar-22	June 22, 2019	11644	Boxes
5	403411	ISONIAZID 100MG 10X10T GDF	A902059	Apr-19	Mar-22	June 22, 2019	3377	Boxes
						June 22, 2019	7058	Boxes
						May 22, 2019	1113	Boxes
						May 22, 2019	10	Boxes
6	403411	ISONIAZID 100MG 10X10T GDF	A902380	Apr-19	Mar-22	June 22, 2019	2000	Boxes
						June 22, 2019	9577	Boxes
7	403411	ISONIAZID 100MG 10X10T GDF	A902381	Apr-19	Mar-22	June 22, 2019	5846	Boxes
8	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A902382	Apr-19	Mar-22	July 15, 2019	2780	Boxes
						July 10, 2019	1697	Boxes
						July 10, 2019	47	Boxes
9	403411	ISONIAZID 100MG	A902477	May-19	Apr-22	June 22, 2019	11338	Boxes

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Registered Office : Kalpataru Inspire, 3rd Floor, Off. Western Express Highway, Santacruz (East),
Mumbai - 400 055 India. Tel. : (91-22) 66402323. www.lupin.com
Corporate Identity Number : L24100MH1983PLC029442

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LUPIN LIMITED

A-28/1, MIDC, Chikalthana,
Aurangabad - 431 210 - Maharashtra
Tel: 91 - 240 - 2485871-72, 91 - 240 - 6612444
Fax : 91 - 240 - 2484121



Isoniazid Tablets BP 100 mg								
Sr. No.	Material	Material Description	Batch No.	Mfg. Date.	Exp. Date	Dispatch Date	Dispatched Quantity	Unit
		10X10T GDF						
10	403411	ISONIAZID 100MG 10X10T GDF	A902479	May-19	Apr-22	June 22, 2019	11641	Boxes
11	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A902611	Apr-19	Mar-22	November 1, 2019	23	Boxes
						July 15, 2019	585	Boxes
						July 10, 2019	400	Boxes
						July 3, 2019	300	Boxes
12	403411	ISONIAZID 100MG 10X10T GDF	A902480	May-19	Apr-22	September 17, 2019	3467	Boxes
						September 6, 2019	333	Boxes
						June 22, 2019	7883	Boxes
13	403411	ISONIAZID 100MG 10X10T GDF	A903885	Jul-19	Jun-22	September 17, 2019	1009	Boxes
						September 16, 2019	4000	Boxes
						September 6, 2019	5801	Boxes
						August 29, 2019	615	Boxes
						August 29, 2019	215	Boxes
14	403411	ISONIAZID 100MG 10X10T GDF	A903886	Jul-19	Jun-22	September 16, 2019	2143	Boxes
						September 16, 2019	2063	Boxes
						September 6, 2019	6502	Boxes
						August 29, 2019	294	Boxes
						August 29, 2019	350	Boxes
						August 29, 2019	360	Boxes
15	403411	ISONIAZID 100MG 10X10T GDF	A904236	Jul-19	Jun-22	September 16, 2019	11498	Boxes
16	403411	ISONIAZID 100MG 10X10T GDF	A904237	Jul-19	Jun-22	November 12, 2019	858	Boxes
						September 16, 2019	10823	Boxes
17	403411	ISONIAZID 100MG 10X10T GDF	A904238	Jul-19	Jun-22	November 12, 2019	11812	Boxes
18	403411	ISONIAZID 100MG 10X10T GDF	A904239	Jul-19	Jun-22	November 12, 2019	11913	Boxes
19	403411	ISONIAZID 100MG 10X10T GDF	A904837	Sep-19	Aug-22	November 12, 2019	4489	Boxes
						November 1, 2019	800	Boxes
						October 31, 2019	5265	Boxes
						October 18, 2019	333	Boxes
						October 16, 2019	385	Boxes
						October 16, 2019	26	Boxes
20	403411	ISONIAZID 100MG	A904861	Sep-19	Aug-22	October 31, 2019	11513	Boxes

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Isoniazid Tablets BP 100 mg								
Sr. No.	Material	Material Description	Batch No.	Mfg. Date.	Exp. Date	Dispatch Date	Dispatched Quantity	Unit
		10X10T GDF						
21	403411	ISONIAZID 100MG 10X10T GDF	A904991	Sep-19	Aug-22	October 31, 2019	11523	Boxes
22	403411	ISONIAZID 100MG 10X10T GDF	A904992	Sep-19	Aug-22	October 31, 2019	11548	Boxes
23	403411	ISONIAZID 100MG 10X10T GDF	A904993	Sep-19	Aug-22	October 31, 2019 October 25, 2019	3390 8262	Boxes Boxes
24	403411	ISONIAZID 100MG 10X10T GDF	A905197	Sep-19	Aug-22	November 27, 2019 October 25, 2019	6914 2700	Boxes Boxes
25	403411	ISONIAZID 100MG 10X10T GDF	A905112	Sep-19	Aug-22	October 25, 2019 October 25, 2019 October 25, 2019 October 25, 2019	1500 289 30 204	Boxes Boxes Boxes Boxes
26	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905128	Sep-19	Aug-22	November 1, 2019 November 1, 2019	881 10757	Boxes Boxes
27	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905129	Sep-19	Aug-22	December 31, 2019 November 1, 2019	1414 10211	Boxes Boxes
28	403411	ISONIAZID 100MG 10X10T GDF	A905127	Sep-19	Aug-22	December 9, 2019 December 5, 2019 November 27, 2019 November 12, 2019	92 338 6965 12	Boxes Boxes Boxes Boxes
29	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905130	Sep-19	Aug-22	December 31, 2019	4343	Boxes
30	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905564	Oct-19	Sep-22	December 23, 2019	11736	Boxes
31	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905566	Oct-19	Sep-22	December 23, 2019	11665	Boxes
32	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906011	Nov-19	Oct-22	January 6, 2020	185	Boxes
33	409534	ISONIAZID TAB.BP 100MG 10 X 10T Sene	A905895	Nov-19	Oct-22	November 22, 2019	11783	Boxes
34	403411	ISONIAZID 100MG 10X10T GDF	A905560	Nov-19	Oct-22	December 23, 2019	11546	Boxes
35	408849	ISONIAZID TABLETS 100MG	A905568	Oct-19	Sep-22	January 6, 2020 December 23, 2019	8315 3408	Boxes Boxes

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Isoniazid Tablets BP 100 mg								
Sr. No.	Material	Material Description	Batch No.	Mfg. Date.	Exp. Date	Dispatch Date	Dispatched Quantity	Unit
		10 X 10T -ROW				2019		
36	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905565	Oct-19	Sep-22	December 23, 2019	11597	Boxes
37	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A905567	Oct-19	Sep-22	December 23, 2019	11745	Boxes
38	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906153	Nov-19	Oct-22	December 31, 2019	63	Boxes
39	403411	ISONIAZID 100MG 10X10T GDF	A906203	Nov-19	Oct-22	February 22, 2020	8	Boxes
						January 31, 2020	4066	Boxes
						December 23, 2019	6576	Boxes
						December 23, 2019	1068	Boxes
40	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906205	Nov-19	Oct-22	December 31, 2019	11767	Boxes
41	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906206	Nov-19	Oct-22	December 31, 2019	11683	Boxes
42	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906204	Nov-19	Oct-22	December 31, 2019	11718	Boxes
43	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906431	Dec-19	Nov-22	March 18, 2020	3217	Boxes
						February 12, 2020	12	Boxes
						February 12, 2020	1274	Boxes
						December 31, 2019	7259	Boxes
44	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906430	Dec-19	Nov-22	December 31, 2019	11712	Boxes
45	403411	ISONIAZID 100MG 10X10T GDF	A906620	Dec-19	Nov-22	January 31, 2020	1336	Boxes
46	408849	ISONIAZID TABLETS 100MG 10 X 10T -ROW	A906534	Dec-19	Nov-22	August 13, 2020	3	Boxes
						May 18, 2020	131	Boxes
						March 18, 2020	8901	Boxes
						February 12, 2020	1350	Boxes
47	403411	ISONIAZID 100MG 10X10T GDF	A906605	Dec-19	Nov-22	January 31, 2020	11668	Boxes
48	403411	ISONIAZID 100MG 10X10T GDF	A906664	Dec-19	Nov-22	January 31, 2020	11626	Boxes
49	403411	ISONIAZID 100MG 10X10T GDF	A906665	Dec-19	Nov-22	January 31, 2020	11900	Boxes

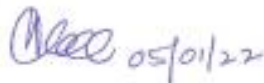
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Isoniazid Tablets BP 100 mg								
Sr. No.	Material	Material Description	Batch No.	Mfg. Date.	Exp. Date	Dispatch Date	Dispatched Quantity	Unit
50	403411	ISONIAZID 100MG 10X10T GDF	A906838	Dec-19	Nov-22	February 19, 2020	11,485	Boxes
51	403411	ISONIAZID 100MG 10X10T GDF	A000067	Dec-19	Nov-22	January 31, 2020	11716	Boxes
52	403411	ISONIAZID 100MG 10X10T GDF	A000069	Dec-19	Nov-22	January 31, 2020	11770	Boxes
53	403411	ISONIAZID 100MG 10X10T GDF	A000070	Dec-19	Nov-22	January 31, 2020	11852	Boxes
54	403411	ISONIAZID 100MG 10X10T GDF	A000171	Dec-19	Nov-22	January 31, 2020	1800	Boxes
	403411	ISONIAZID 100MG 10X10T GDF	A000171	Dec-19	Nov-22	January 31, 2020	9881	Boxes
55	403411	ISONIAZID 100MG 10X10T GDF	A000184	Dec-19	Nov-22	February 18, 2020	1600	Boxes
	403411	ISONIAZID 100MG 10X10T GDF	A000184	Dec-19	Nov-22	January 31, 2020	9960	Boxes
56	403411	ISONIAZID 100MG 10X10T GDF	A000186	Dec-19	Nov-22	February 18, 2020	11773	Boxes
57	403411	ISONIAZID 100MG 10X10T GDF	A000190	Dec-19	Nov-22	March 3, 2020	5473	Boxes
	403411	ISONIAZID 100MG 10X10T GDF	A000190	Dec-19	Nov-22	February 18, 2020	6205	Boxes
58	403411	ISONIAZID 100MG 10X10T GDF	A000191	Dec-19	Nov-22	March 3, 2020	11757	Boxes
	403411	ISONIAZID 100MG 10X10T GDF	A000191	Dec-19	Nov-22	February 19, 2020	2	Boxes

Regards,



Anant Kulkarni,
General Manager-Quality,
Lupin Ltd. Aurangabad, India.

Annex 2: TGF funded orders

Batch Nr.	Manufacturing date	Expiry date	Dispatch /ship date	Quantity	GDF OMS reference	Funding source	Country (Ship to)	Actual Ship Date
A903886	7/1/2019	6/30/2022	9/13/2019	6502	MDG/DP/19/8725	The Global Fund	Madagascar	9/13/2019
A902480	5/1/2019	4/30/2022	10/19/2019	3467	CIV/SF/18/8409	The Global Fund	Ivory Coast	10/19/2019
A903885	7/1/2019	6/30/2022	10/19/2019	1009	CIV/SF/18/8409	The Global Fund	Ivory Coast	10/19/2019
A903886	7/1/2019	6/30/2022	9/2/2019	360	BFA/DP/19/8834	The Global Fund	Burkina Faso	9/2/2019
A901351	3/1/2019	2/28/2022	6/27/2019	2074	GIN/DP/18/8476	The Global Fund	Guinea	6/27/2019
A904237	7/1/2019	6/30/2022	12/13/2019	858	COD/DP/19/8816	The Global Fund	Democratic Republic of Congo	12/13/2019
A904238	7/1/2019	6/30/2022	12/13/2019	11812	COD/DP/19/8816	The Global Fund	Democratic Republic of Congo	12/13/2019
A904239	7/1/2019	6/30/2022	12/13/2019	11913	COD/DP/19/8816	The Global Fund	Democratic Republic of Congo	12/13/2019
A904837	9/1/2019	8/31/2022	12/13/2019	4489	COD/DP/19/8816	The Global Fund	Democratic Republic of Congo	12/13/2019
A904837	9/1/2019	8/31/2022	5/27/2020	385	COD/DP/19/8799	The Global Fund	Democratic Republic of Congo	5/27/2020
A901351	3/1/2019	2/28/2022	8/17/2019	4530	COD/DP/18/8482	The Global Fund	Democratic Republic of Congo	8/17/2019
A902057	4/1/2019	3/31/2022	8/17/2019	11475	COD/DP/18/8482	The Global Fund	Democratic Republic of Congo	8/17/2019
A902058	4/1/2019	3/31/2022	8/17/2019	11644	COD/DP/18/8482	The Global Fund	Democratic Republic of Congo	8/17/2019
A902059	4/1/2019	3/31/2022	8/17/2019	3377	COD/DP/18/8482	The Global Fund	Democratic Republic of Congo	8/17/2019
A903885	7/1/2019	6/30/2022	9/1/2019	865	TGO/DP/19/8919	The Global Fund	Togo	9/1/2019
A903886	7/1/2019	6/30/2022	9/1/2019	350	TGO/DP/19/8919	The Global Fund	Togo	9/1/2019
A901351	3/1/2019	2/28/2022	6/1/2019	1867	BEN/DP/18/8502	The Global Fund	Benin	6/1/2019
A901351	3/1/2019	2/28/2022	8/28/2019	1096	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902059	4/1/2019	3/31/2022	8/28/2019	7058	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902380	4/1/2019	3/31/2022	8/28/2019	9577	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902381	4/1/2019	3/31/2022	8/28/2019	5646	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902477	5/1/2019	4/30/2022	8/28/2019	11338	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902479	5/1/2019	4/30/2022	8/28/2019	11641	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A902480	5/1/2019	4/30/2022	8/28/2019	7883	COD/DP/18/8483	The Global Fund	Democratic Republic of Congo	8/28/2019
A903886	7/1/2019	6/30/2022	11/8/2019	2143	PAK/DP/19/9029	The Global Fund	Pakistan	11/8/2019
A902059	4/1/2019	3/31/2022	7/20/2019	-1113	UKR/DP/19/8580	The Global Fund	Ukraine	7/20/2019
A902480	5/1/2019	4/30/2022	9/17/2019	333	ALB/DP/19/9039	The Global Fund	Albania	9/17/2019
A904837	9/1/2019	8/31/2022	11/3/2019	333	ALB/DP/19/9083	The Global Fund	Albania	11/3/2019
A000067	12/1/2019	11/30/2022	4/28/2020	11716	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A000069	12/1/2019	11/30/2022	4/28/2020	11770	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A000070	12/1/2019	11/30/2022	4/28/2020	11852	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A000171	12/1/2019	11/30/2022	4/28/2020	9881	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906203	11/1/2019	10/31/2022	4/28/2020	4066	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906605	12/1/2019	11/30/2022	4/28/2020	11668	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906620	12/1/2019	11/30/2022	4/28/2020	1336	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906664	12/1/2019	11/30/2022	4/28/2020	11626	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906665	12/1/2019	11/30/2022	4/28/2020	11800	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A906838	12/1/2019	11/30/2022	4/28/2020	11485	ZMB/DP/19/9369	The Global Fund	Zambia	4/28/2020
A903885	7/1/2019	6/30/2022	9/13/2019	5801	NGA/DP/19/8509	The Global Fund	Nigeria	9/13/2019
A905127	9/1/2019	8/31/2022	12/16/2019	6965	MOZ/DP/19/9250	The Global Fund	Mozambique	12/16/2019
A905197	9/1/2019	8/31/2022	12/16/2019	6914	MOZ/DP/19/9250	The Global Fund	Mozambique	12/16/2019
A902380	4/1/2019	3/31/2022	7/10/2019	2000	GTM/DP/19/8795	The Global Fund	Guatemala	7/10/2019
A905560	11/1/2019	10/31/2022	2/25/2020	11546	IDN/DP/19/8980	The Global Fund	Indonesia	2/25/2020
A906203	11/1/2019	10/31/2022	2/25/2020	1088	IDN/DP/19/8980	The Global Fund	Indonesia	2/25/2020
A903886	7/1/2019	6/30/2022	11/14/2019	2063	IDN/DP/19/8979	The Global Fund	Indonesia	11/14/2019
A904236	7/1/2019	6/30/2022	11/14/2019	11498	IDN/DP/19/8979	The Global Fund	Indonesia	11/14/2019
A904237	7/1/2019	6/30/2022	11/14/2019	10623	IDN/DP/19/8979	The Global Fund	Indonesia	11/14/2019
A904837	9/1/2019	8/31/2022	5/12/2020	26	IDN/DP/19/8874	The Global Fund	Indonesia	5/12/2020