API Integration Document

Landed Cost API

Introduction

The objective of this API is to explain the structure and features of the **Landed cost API.**

Trademo's Landed cost API gives you a complete breakdown of the latest import duties and tariff, along with information on hidden charges directly into your business software.

API Structure

Request

HTTP Method: **POST**
Content-Type: **application/json**
Requires Authentication: **Yes**
Rate Limited: **Yes**

Request Body

Name	Type	Mandatory	Description
effectiveDate	string	No	Specifies date in *yyyy-mm-dd* format. The default value is the current date on which cost calculation is performed.
countryOfImport	string	Yes	Two digit ISO country code where the goods are being imported. Valid values can be seen from Annexure A
countryOfExport	string	Yes	Two digit ISO country code from where the goods are being exported. Valid values can be seen from Annexure B
countryOfManufacture	string	No	Two digit ISO country code where the goods were manufactured/originated. Valid values can be seen from Annexure B If not provided, the default value is the same as passed for the 'countryOfExport'
incoterm	string	Yes	Specifies the rules which clarify the responsibilities, costs, and risks to be borne by buyers and sellers in the transactions of goods. Valid values: - FOB

Name	Type	Mandatory	Description
			- CIF
useFTA	string	Yes	To calculate landed cost on a specified FTA as available in Annexure C, pass value as 'Yes'. To calculate Landed Cost, using the default duty rate, the key should be specified as 'No'. To perform landed cost calculation which results in maximum savings, pass value as 'maxSavingFTA' Valid values are: - Yes - No - maxSavingFTA
ftaName	string	No	Name of the Free Trade Agreement (FTA) whose preferential duty to be used in cost calculation. This parameter is mandatory only when useFTA is 'Yes'. The list of FTAs corresponding to a country of import can be found in Annexure C.
modeOfTransport	string	Yes	Specifies whether goods are being imported through sea, land, or air. Valid values: - sea - air - land
hscode	string	Yes	Specifies the HS code of the product being imported. The HS Code should be 8-13 digits depending on the highest digit HS Code structure followed by the country of import.
quantity	float	Yes	Specifies the quantity of goods being imported
unit	string	Yes	The measurement unit in which the quantity of goods is measured. The possible values for unit can be found in Annexure D
currency	string	Yes	Specify the currency code for calculation of landed cost. For the purposes of de-minimis calculation, the amounts would be converted from the currency passed in 'currency' parameter to the currency of countryOfImport at the current exchange rate. The valid values can be found in Annexure E.

Name	Type	Mandatory	Description
costOfGood	float	Yes	Specifies the cost of the goods being imported in the currency as specified above.
freight	float	No	Specifies the freight amount in currency as specified above. It is a mandatory field when incoterm is "CIF".
insurance	float	No	Specifies the insurance amount in currency as specified above.It is a mandatory field when incoterm is "CIF".
region	string	No	Mandatory for landed cost calculation when countryOfImport is "CA" (Canada) and "MX" (Mexico). The valid values can be found in Annexure F.
applicable_product_specification_for_excise_duty	object	No	On certain HS codes the application of excise duty depends on the product specification. This field specifies the additional information required to compute the excise duty and hence landed cost. If this value is not specified for such HS codes, then the API would throw an error with error code 490 along with possible value of excise duty conditions required to calculate landed cost.
applicable_product_specification_for_excise_duty>>condition	string	No	This field specifies the excise condition based on which the excise duty is selected. To be provided only when multiple excise rates are applicable on a HS code
applicable_product_specification_for_excise_duty>>required_input	Array (object)	No	This field specifies any additional quantity/ input required from the user to calculate the excise duty. To be provided only when additional input is required from the user.
applicable_product_specification_for_excise_duty>>required_input>>input	string	No	Specifies the name of the quantity/ input required from user to calculate the excise duty
applicable_product_specification_for_excise_duty>>required_input>>value	float	No	The value of the input in below specified unit to calculate the excise duty
applicable_product_specification_for_excise_duty>>required_input>>unit	string	No	Specifies the unit of the value in which the input is to be passed. Possible value of units can be seen in Annexure D.
applicable_product_specification_for_import_duty	array (object)	No	On certain HS codes the application of import duty depends on the product specification. This field specifies the additional information required to compute the import duty and hence landed cost.

Name	Type	Mandatory	Description
			If this value is not specified for such HS codes, then the API would throw an error with error code 490 along with the possible value of import duty inputs required to calculate landed cost.
applicable_product_specification_for_import_duty>>input	string	No	Specifies the name of the input to calculate import duty
applicable_product_specification_for_import_duty>>value	float	No	The value of the input in the below specified unit to calculate import duty
applicable_product_specification_for_import_duty>>unit	string	No	Specifies the unit of the value in which the input is measured.
specifyVat	string	No	Specifies the VAT rate to be used in landed cost calculation. For countries like the UK, multiple VAT rates are applicable on a given HS code. Valid values are: - default - yes If not specified, the default vat rate is used in cost calculation. If "yes" is selected, user need to specify vat percentage to be used in cost calculation
vatPercentage	float	No	Mandatory when specifyVat is 'yes'. If the applicable VAT percentage is known for a particular HS code then it can be specified here.

Sample Request application/json

```json
{
  "countryOfImport": "US",
  "countryOfExport": "CA",
  "hscode": "2204228000",
  "incoterm": "CIF",
  "useFTA": "No",
  "modeOfTransport": "sea",
  "quantity": 1000,
  "unit": "liter",
  "currency": "USD",
  "costOfGood": 1000,
  "freight": 10,
  "insurance": 10,
  "applicable_product_specification_for_excise_duty": {
    "condition": "wines over 24 % alcohol"
  }
}
```

Response

HTTP 200

Response Body

Name	Type	Description
attributes	object	This attribute represents the user payload for the request parameters
result	object	This attribute contains the landed cost calculation.
result>>currency	object	Specifies the currency as passed for calculation of the landed cost
result>>landed_cost_breakup	object	Specifies the breakup of the calculated landed cost in the currency as specified above. The breakup will vary country wise. It lists the different duties and taxes applied on the imported goods.
result>>landed_cost_breakup>>incoterm_value	string	Specifies the incoterm value in the currency as specified above. When incoterm is "FOB", incoterm_value is equal to costOfGood. When incoterm is "CIF", incoterm_value is the summation of costOfGood, freight and insurance.
result>>landed_cost_breakup>>import_duty	string	The import duty applied on the goods in the currency as specified above
result>>landed_cost_breakup>>excise_duty	string	The excise duty applied on the goods in the currency as specified above
result>>landed_cost_breakup>>Merchandise Processing Fee (MPF)	string	The US imposes a Merchandise Processing Fee (MPF) on the import of goods. This field specifies its value in the currency as specified above. This is specific to the US, not applicable for other countries of import.
result>>landed_cost_breakup>>Harbor Maintenance Fee (HMF)	string	The US imposes a Harbor Maintenance Fee (HMF) when goods are imported through sea. This field specifies its value in the currency as specified above. This is again specific to the US, not applicable for other countries of import.
result>>landed_cost	string	Specifies the total landed cost.
result>>status	string	Indicates the success or failure of an API request.

Sample Response application/json

```
{
    "attributes": {
        "countryOfImport": "US",
        "countryOfExport": "CA",
        "hscode": "2204228000",
        "incoterm": "CIF",
        "useFTA": "No",
        "modeOfTransport": "sea",
        "quantity": 1000,
        "unit": "liter",
        "currency": "USD",
        "costOfGood": 1000,
        "freight": 10,
        "insurance": 10,
        "applicable_product_specification_for_excise_duty": {
            "condition": "wines over 24 % alcohol"
        }
    },
    "result": {
        "currency": "USD",
        "landed_cost_breakup": {
            "incoterm_value": "1020.0",
            "import_duty": "224.0",
            "excise_duty": "13500.0",
            "Merchandise Processing Fee (MPF)": "3.46",
            "Harbor Maintenance Fee (HMF)": "1.25"
        },
        "landed_cost": "14748.71"
    },
    "status": "success"
}
```

Credit Usage

API would consume 1 credit per calculation

Error Codes

Landed Cost API uses standard HTTP response codes to indicate the success or failure of an API request. In general: Codes in the 2xx range indicate success. Codes in the 4xx range indicate a client side error, which means that API request has failed given the information

provided (e.g., a missing parameter, invalid value passed etc.). Codes in the 5xx range indicate an error with API's servers (normally this shouldn't happen at all).

If the response code is not 200, it means the API request has failed and you may need to take action as per the error code. You can check the response (which will be in JSON format) for a field called 'message' that briefly explains the error.

Error codes	Error Reason
490	Missing parameter in request payload
491	Invalid data type of a required parameter in request payload
492	Invalid value passed in a required parameter in request payload

Request Body

Sample Request application/json

```json
{
   "countryOfImport": "US",
   "countryOfExport": "CA",
   "hscode": "2204228000",
   "incoterm": "CIF",
   "useFTA": "No",
   "modeOfTransport": "sea",
   "quantity": 1000,
   "unit": "liter",
   "currency": "USD",
   "costOfGood": 1000,
   "freight": 10,
   "insurance": 10
}
```

Response

HTTP 400

Response Body

Name	Type	Description
status	string	Indicates the success or failure of an API request.

Name	Type	Description
code	string	Unique error code
message	string	Describes what is wrong with client request

Sample Response application/json

```
{
   "status": "failure",
   "code": "490",
    "message": "Missing applicable_product_specification_for_excise_duty>>condition. Select a value from ['Still
wines exceeding 21% but not exceeding 24%', 'Still wines exceeding16% but not exceeding 21%', 'wines over 24
% alcohol']"
}
```

Annexure A

Two digit ISO codes for "countryOfImport":

countryOfImport	ISO Code
Canada	CA
Mexico	MX
United Kingdom	GB
United States of America	US

Annexure B

Two digit ISO codes for "countryOfExport":

countryOfExport	ISO Code
Afghanistan	AF
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antarctica	AQ
Antigua and Barbuda	AG
Argentina	AR
Armenia	AM
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD

Barbados	BB
Belarus	BY
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM
Åland Islands	AX
Bhutan	BT
Bolivia	BO
Bonaire Sint Eustatius and Saba	BQ
Bosnia and Herzegovina	BA
Botswana	BW
Bouvet Island	BV
Brazil	BR
British Indian Ocean Territory	IO
Brunei Darussalam	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Cabo Verde	CV
Cambodia	KH
Cameroon	CM
Canada	CA
Cayman Islands	KY
Central African Republic	CF
Chad	TD
Chile	CL
China	CN
Christmas Island	CX

Cocos (Keeling) Islands	CC
Colombia	CO
Comoros	KM
Congo (the Democratic Republic of the)	CD
Congo	CG
Cook Islands	CK
Costa Rica	CR
Croatia	HR
Cuba	CU
Curaçao	CW
Cyprus	CY
Czechia	CZ
Côte dIvoire	CI
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Eritrea	ER
Estonia	EE
Eswatini	SZ
Ethiopia	ET
Falkland Islands	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI

France	FR
French Guiana	GF
French Polynesia	PF
French Southern Territories	TF
Gabon	GA
Gambia	GM
Georgia	GE
Germany	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guernsey	GG
Guinea	GN
Guinea-Bissau	GW
Guyana	GY
Haiti	HT
Heard Island and McDonald Islands	HM
Holy See	VA
Honduras	HN
Hong Kong	HK
Hungary	HU
Iceland	IS
India	IN
Indonesia	ID

Iran (Islamic Republic of)	IR
Iraq	IQ
Ireland	IE
Isle of Man	IM
Israel	IL
Italy	IT
Jamaica	JM
Japan	JP
Jersey	JE
Jordan	JO
Kazakhstan	KZ
Kenya	KE
Kiribati	KI
Korea (the Democratic Peoples Republic of)	KP
Korea (the Republic of)	KR
Kuwait	KW
Kyrgyzstan	KG
Lao Peoples Democratic Republic	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macao	MO
Madagascar	MG
Malawi	MW

Malaysia	MY
Maldives	MV
Mali	ML
Malta	MT
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Micronesia (Federated States of)	FM
Moldova (the Republic of)	MD
Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar	MM
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
New Caledonia	NC
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU

Norfolk Island	NF
North Macedonia	MK
Northern Mariana Islands	MP
Norway	NO
Oman	OM
Pakistan	PK
Palau	PW
Palestine State of	PS
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Romania	RO
Russian Federation	RU
Rwanda	RW
Réunion	RE
Saint Barthélemy	BL
Saint Helena Ascension and Tristan da Cunha	SH
Saint Kitts and Nevis	KN
Saint Lucia	LC
Saint Martin (French part)	MF
Saint Pierre and Miquelon	PM
Saint Vincent and the Grenadines	VC

Samoa	WS
San Marino	SM
Sao Tome and Principe	ST
Saudi Arabia	SA
Senegal	SN
Serbia	RS
Seychelles	SC
Sierra Leone	SL
Singapore	SG
Sint Maarten (Dutch part)	SX
Slovakia	SK
Slovenia	SI
Solomon Islands	SB
Somalia	SO
South Africa	ZA
South Georgia and the South Sandwich Islands	GS
South Sudan	SS
Spain	ES
Sri Lanka	LK
Sudan	SD
Suriname	SR
Svalbard and Jan Mayen	SJ
Sweden	SE
Switzerland	CH
Syrian Arab Republic	SY
Taiwan (Province of China)	TW
Tajikistan	TJ
Tanzania the United Republic of	TZ
Thailand	TH

Timor-Leste	TL
Togo	TG
Tokelau	TK
Tonga	TO
Trinidad and Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks and Caicos Islands	TC
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States Minor Outlying Islands	UM
United States of America	US
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Venezuela (Bolivarian Republic of)	VE
Viet Nam	VN
Virgin Islands (British)	VG
Virgin Islands (U.S.)	VI
Wallis and Futuna	WF
Western Sahara	EH
Yemen	YE
Zambia	ZM
Zimbabwe	ZW
Republic of Kosovo	XK

Northern Ireland (United Kingdom)	XI
Ceuta	XC
Melilla	XL

Annexure C

Country wise List of FTAs:

1. Canada(CA)

FTA_Name	Participating_Countries
"Australian Tariff Duties & Taxes"	AU
"New Zealand Tariff Duties & Taxes"	NZ
"Commonwealth Caribbean Countries Tariff"	AI, AG, BS, BB, BZ, BM, KY, DM, GD, GY, JM, MS, KN, LC, VC, TT, TC, VG
"Least Developed Country Tariff"	AF, AO, BD, BJ, BT, BF, MM, BI, KH, CF, TD, KM, CD, DJ, ER, ET, GM, GN, GW, HT, KI, LA, LS, LR, MG, MW, ML, MR, MZ, NP, NE, RW, WS, ST, SN, SL, SB, SO, SS, SS, TZ, TL, TG, TV, UG, VU, YE, ZM
"General Preferential Tariff"	AF, AO, AI, AM, BD, BZ, BJ, BT, BO, IO, BF, MM, B, KH, CM, CF, TD, CX, CC, KM, CG, CK, CI, CD, D, EG, SV, ER, ET, FK, FJ, GM, GE, GH, GT, GN, GW, GY, HT, HN, IQ, KE, KI, KG, LA, LS, LR, MG, MW, ML, MH, MR, FM, MD, MN, MS, MA, MZ, NR, NP, NI, NE, NG, NU, NF, PK, PG, PY, PH, PN, RW, SH, WS, ST, SN, SL, SB, SO, SS, LK, SS, SZ, SY, TJ, TZ, TL, TG, TO, TM, TV, UG, UA, UZ, VU, VN, VG, YE, ZM, ZW
"CUSMA-United States Tariff"	US
"CUSMA-Mexico Tariff"	MX
"Canada-Israel FTA"	IL
"Canada-Chile FTA"	CL
"Canada-Costa Rica FTA"	CR
"Iceland Tariff Duties & Taxes"	IS
"Norway Tariff Duties & Taxes"	NO
"Switzerland-Liechtenstein Tariff Duties & Taxes"	LI, CH

"Canada-Peru FTA"	PE
"Canada-Colombia FTA"	CO
"Canada-Jordan FTA"	JO
"Canada-Panama FTA"	PA
"Canada-Honduras FTA"	HN
"Canada-Korea FTA"	KR
"Canada-European Union Tariff"	AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE
"Canada-Ukraine FTA"	UA
"Comprehensive and Progressive Trans-Pacific Partnership Tariff"	AU, BN, CL, JP, MY, MX, NZ, PE, SG, VN
"Canada-United Kingdom Trade Continuity Agreement"	GI, IM, GB

2. Mexico(MX)

FTA_Name	Participating_Countries
"USMCA-United States Duties and Taxes"	US
"USMCA-Canada Duties and Taxes"	CA
"Mexico-European Union Duties and Taxes"	AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE
"Mexico-Israel Duties and Taxes"	IL
"Mexico-Uruguay Duties and Taxes"	UY
"Mexico-Japan Duties and Taxes"	JP
"Mexico and the EFTA-Iceland Duties and Taxes"	IS
"Mexico and the EFTA-Norway Duties and Taxes"	NO
"Mexico and the EFTA-Switzerland Duties and Taxes"	CH
"Mexico and the EFTA-Liechtenstein Duties and Taxes"	LI
"Mexico-Bolivia Duties and Taxes"	BO
"Mexico-Panama Duties and Taxes"	PA
"Mexico-Costa Rica Duties and Taxes"	CR

"Mexico-El Salvador Duties and Taxes"	SV
"Mexico-Guatemala Duties and Taxes"	GT
"Mexico-Honduras Duties and Taxes"	HN
"Mexico-Nicaragua Duties and Taxes"	NI
"Mexico-Colombia Duties and Taxes"	CO
"Mexico-Chile Duties and Taxes"	CL
"Mexico-Peru Duties and Taxes"	PE
"Pacific Alliance Agreement-Colombia Duties and Taxes "	CO
"Pacific Alliance Agreement-Chile Duties and Taxes "	CL
"Pacific Alliance Agreement-Peru Duties and Taxes "	PE
"Mexico and European Community-San Marino Duties and Taxes"	SM
"Mexico and European Community-Andorra Duties and Taxes"	AD
"CPTPP-Australia Duties and Taxes"	AU
"CPTPP-Canada Duties and Taxes"	CA
"CPTPP-Japan Duties and Taxes"	JP
"CPTPP-New Zeland Duties and Taxes"	NZ
"CPTPP-Singapore Duties and Taxes"	SG
"CPTPP-Vietnam Duties and Taxes"	VN

3. United Kingdom(GB)

FTA_Name	Participating_Countries
"UK-Albania Partnership, Trade and Cooperation Agreement"	AL
"Andora-Bilateral Agreement Duties and Taxes"	AD
"CARIFORUM-UK EPA"	AG,BB,BS,BZ,DM,DO,GD,GY,JM,KN,LC,SR,TT,VC
"UK-Cameroon EPA"	CM
"UK-Canada Trade Continuity Agreement"	CA
"UK-Central America association agreement"	CR,GT,HN,NI,PA,SV

"Ceuta-Bilateral Agreement Duties and Taxes"	XC
"UK-Chile association agreement"	CL
"UK-Colombia countries trade agreement"	CO
"ESA-UK EPA"	MU, SC, ZW
"UK-Andean countries trade agreement"	EC
"UK-Egypt Association Agreement"	EG
"EU-UK Trade and Cooperation Agreement"	AT,BE,BG,CY,CZ,DE,DK,EE,ES,EU,FI,FR,GR,HR,HU,IE,IT,LT,LU,LV,MT,NL,PL,PT,RO,SE,SI,SK
"UK-Faroe Islands FTA"	FO
"UK- Fiji Pacific EPA"	FJ
"GSP-Least Developed Countries"	AF,AO,BD,BF,BI,BJ,BT,CD,CF,DJ,ER,ET,GM,GN,GW,HT,KH,KI,KM,LA,LR,LS,MG,ML,MM,MR,MW,MZ,NE,NP,RW,SB,SD,SL,SN,SO,SS,ST,TD,TG,TL,TV,TZ,UG,VU,YE,ZM
"UK-Georgia strategic partnership and cooperation agreement"	GE
"UK-Ghana Interim Trade Partnership Agreement"	GH
"Agreement on trade in goods between Iceland, Norway and the UK"	IS
"UK-Israel trade and partnership agreement"	IL
"UK-Côte d'Ivoire Stepping Stone EPA"	CI
"UK-Japan Comprehensive EPA"	JP
"UK-Jordan association agreement"	JO
"UK-Kenya EPA"	KE
"UK-South Korea trade agreement"	KR
"UK-Kosovo partnership, trade and cooperation agreement"	XK
"UK-Lebanon association agreement"	LB
"UK-Switzerland-Liechtenstein Trade Agreement"	LI
"UK-North Macedonia Partnership, Trade and Cooperation agreement"	MK
"Melilla-Bilateral Agreement Duties and Taxes"	XL
"UK-Mexico Trade Continuity Agreement"	MX
"UK-Moldova Strategic Partnership, Trade and	MD

Cooperation Agreement"	
"UK-Morocco association agreement"	MA
"UK-Norway, Iceland, and Liechtenstein FTA"	NO
"Overseas Countries and Territories"	AI,BM,FK,GS,IO,KY,MS,PN,SH,TC,VG
"UK-Palestinian Authority political, trade and partnership agreement"	PS
"UK-Pacific EPA"	PG
"UK- Peru countries trade agreement"	PE
"EPA SADC - Southern African Development Community"	BW,LS,MZ,NA,SZ
"UK- Samoa Pacific EPA"	WS
"UK-EU Trade and Cooperation Agreement"	SM
"UK-Serbia partnership, trade and cooperation agreement"	RS
"UK-Singapore Trade Agreement "	SG
"UK-Solomon Islands Pacific EPA"	SB
"SACUM-UK - South Africa EPA"	ZA
"UK-Switzerland trade agreement"	CH
"UK-Tunisia association agreement"	TN
"UK-Turkey trade agreement"	TR
"UK-Ukraine political, free trade and strategic partnership agreement"	UA
"UK-Vietnam FTA"	VN
"GSP-Enhanced Framework (2027)"	BO, CV, KG, LK, MN, PH, PK, UZ
"GSP-General Framework (2020)-excluding Indonesia"	CG, CK, DZ, FM, GH, IN, JO, KE, NG, NU, SY, TJ, VN, WS
"GSP-General Framework (2020)"	CG, CK, DZ, FM, GH, IN, ID, JO, KE, NG, NU, SY, TJ, VN, WS
"EU-Canada agreement: re-imported goods (1006)"	CA
"GSP-General Framework (2020)-excluding India"	CG, CK, DZ, FM, GH, ID, JO, KE, NG, NU, SY, TJ, VN, WS
"GSP-General Framework (2020)-excluding Kenya"	CG, CK, DZ, FM, GH, ID, JO, IN, NG, NU, SY, TJ, VN, WS

"GSP-General Framework (2020)-excluding Indonesia"	CG, CK, DZ, FM, GH, IN, JO, KE, NG, NU, SY, TJ, VN, WS
"GSP-General Framework (2020)-excluding Kenya"	CG, CK, DZ, FM, GH, IN, ID, JO, NG, NU, SY, TJ, VN, WS
"GSP-Enhanced Framework (2027)"	BO, CV, KG, LK, MN, PH, PK, UZ
"UK-Australia FTA"	GG, JE

4. United States of America(US)

FTA_Name	Participating_Countries
"Generalized System of Preferences-A"	AF, AL, DZ, AO, AR, AM, AZ, BZ, BJ, BT, BO, BA, BW, BR, BF, MM, BI, CI, KH, CM, CV, CF, TD, KM, CG, CD, DJ, DM, EC, EG, ER, SZ, ET, FJ, GA, GM, GE, GH, GD, GN, GW, GY, HT, ID, IQ, JM, JO, KZ, KE, KI, XK, KG, LB, LS, LR, MG, MW, MV, ML, MR, MU, MD, MN, ME, MZ, NA, NP, NE, NG, MK, PK, PG, PY, PH, YE, RW, LC, VC, WS, ST, SN, RS, SL, SB, SO, ZA, SS, LK, SR, TZ, TH, TL, TG, TO, TN, TV, UG, UA, UZ, VU, ZM, ZW, AI, IO, CX, CC, CK, FK, HM, MS, NU, NF, PN, SH, TK, VG, WF, EH, VC, SB
"Generalized System of Preferences-A*"	AF, AL, DZ, AO, AR, AM, AZ, BZ, BJ, BT, BO, BA, BW, BR, BF, MM, BI, CI, KH, CM, CV, CF, TD, KM, CG, CD, DJ, DM, EC, EG, ER, SZ, ET, FJ, GA, GM, GE, GH, GD, GN, GW, GY, HT, ID, IQ, JM, JO, KZ, KE, KI, XK, KG, LB, LS, LR, MG, MW, MV, ML, MR, MU, MD, MN, ME, MZ, NA, NP, NE, NG, MK, PK, PG, PY, PH, YE, RW, LC, VC, WS, ST, SN, RS, SL, SB, SO, ZA, SS, LK, SR, TZ, TH, TL, TG, TO, TN, TV, UG, UA, UZ, VU, ZM, ZW, AI, IO, CX, CC, CK, FK, HM, MS, NU, NF, PN, SH, TK, VG, WF, EH, VC, SB
"Generalized System of Preferences-A+"	AF, AL, DZ, AO, AR, AM, AZ, BZ, BJ, BT, BO, BA, BW, BR, BF, MM, BI, CI, KH, CM, CV, CF, TD, KM, CG, CD, DJ, DM, EC, EG, ER, SZ, ET, FJ, GA, GM, GE, GH, GD, GN, GW, GY, HT, ID, IQ, JM, JO, KZ, KE, KI, XK, KG, LB, LS, LR, MG, MW, MV, ML, MR, MU, MD, MN, ME, MZ, NA, NP, NE, NG, MK, PK, PG, PY, PH, YE, RW, LC, VC, WS, ST, SN, RS, SL, SB, SO, ZA, SS, LK, SR, TZ, TH, TL, TG, TO, TN, TV, UG, UA, UZ, VU, ZM, ZW, AI, IO, CX, CC, CK, FK, HM, MS, NU, NF, PN, SH, TK, VG, WF, EH, VC, SB
"United States-Australia FTA"	AU
"Andean Trade Preferences Act-J"	BO, CO, EC, PE
"Andean Trade Preferences Act-J*"	BO, CO, EC, PE

"Automotive Products Trade Act."	CA
"United States-Bahrain FTA Implementation Act"	BH
"Agreement on Trade in Civil Aircraft"	AL, AT, BE, BG, CA, HR, CY, CZ, DK, EG, EE, FI, FR, GE, DE, GR, HU, IE, IT, JP, LV, LT, LU, MO, MT, ME, NL, NO, PL, PT, RO, SK, SI, ES, SE, CH, TW, GB
"United States-Chile FTA"	CL
"African Growth and Opportunity Act"	AO, MW, BJ, BW, MU, BF, MZ, CV, NA, CF, NE, TD, NG, KM, RW, CD, ST, CG, SN, CI, DJ, SL, SZ, ZA, GA, GM, GH, TZ, TG, GW, KE, UG, LS, ZM, LR, MG
"Caribbean Basin Economic Recovery Act-E"	AG, AW, BS, BB, BZ, CW, DM, GD, GY, HT, JM, MS, NL, KN, LC, VC, TT, VG
"Caribbean Basin Economic Recovery Act-E*"	AG, AW, BS, BB, BZ, CW, DM, GD, GY, HT, JM, MS, NL, KN, LC, VC, TT, VG
"United States-Israel FTA"	IL
"United States-Jordan FTA Implementation Act"	JO
"Trade Agreement Between the United States and Japan"	JP
"Agreement on Trade in Pharmaceutical Products"	AT, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE, JP, NO, CA, CH, US, MO
"Dominican Republic-Central America-United States FTA Implementation Act-P"	CR, DO, SV, GT, HN, NI
"Dominican Republic-Central America-United States FTA Implementation Act-P+"	CR, DO, SV, GT, HN, NI
"Uruguay Round Concessions on Intermediate Chemicals for Dyes"	AF, AL, AO, AG, AR, AM, AU, AT, BH, BD, BB, BE, BZ, BJ, BO, BW, BR, BN, BG, BF, BI, CV, KH, CM, CA, CF, TD, CL, CN, CO, CG, CR, CI, HR, CU, CY, CZ, CD, DK, DJ, DM, DO, EC, EG, SV, EE, SZ, FJ, FI, FR, GA, GM, GE, DE, GH, GR, GD, GT, GN, GW, GY, HT, HN, HK, HU, IS, IN, ID, IE, IL, IT, JM, JP, JO, KZ, KE, KR, KW, KG, LA, LV, LS, LR, LI, LT, LU, MO, MG, MW, MY, MV, ML, MT, MR, MU, MX, MD, MN, ME, MA, MZ, MM, NA, NP, NL, NZ, NI, NE, NG, MK, NO, OM, PK, PA, PG, PY, PE, PH, PL, PT, QA, RO, RU, RW, KN, LC, VC, WS, SA, SN, SC, SL, SG, SK, SI, SB, ZA, ES, LK, SR, SE, CH, TW, TJ, TZ, TH, TG, TO, TT, TN, TR, UG, UA, AE, GB, US, UY, VU, VE, VN, YE, ZM, ZW
"United States-Caribbean Basin Trade Partnership Act"	BB, BZ, CW, GY, HT, JM, LC, TT
"United States-Morocco FTA Implementation Act"	MA
"United States-Singapore FTA"	SG

"United States-Oman FTA Implementation Act"	OM
"United States-Peru Trade Promotion Agreement Implementation Act"	PE
"United States-Korea FTA Implementation Act"	KR
"United States-Colombia Trade Promotion Agreement Implementation Act"	CO
"United States-Panama Trade Promotion Agreement Implementation Act"	PA
"Nepal Preference Program"	NP
"USMCA-S"	MX, CA
"USMCA-S+"	MX, CA
"NAFTA-Canada"	CA
"NAFTA-Mexico"	MX

Annexure D

Allowed units of measurement for "unit" parameter:

ounce	kilowatt/hour
pound	horsepower
microgram	kilowatt
milligram	megajoule
gram	megawatt
kilogram	watt
gallon	watthour
millilitre	pairs
litre	units
barrel	dozens
joules	
gigajoule	
cubic metres	
cubic feet	
megajoules	
tonnes	
joule	

Annexure E

Possible values for "currency" parameter:

Country	Currency Code	Currency Name
Argentina	ARS	Argentine Peso
Australia	AUD	Australian Dollar
Bahrain	BHD	Bahraini Dinar
Botswana	BWP	Botswana Pula

Brazil	BRL	Brazilian Real
Brunei Darussalam	BND	Bruneian Dollar
Bulgaria	BGN	Bulgarian Lev
Canada	CAD	Canadian Dollar
Chile	CLP	Chilean Peso
China	CNY	Chinese Yuan Renminbi
Colombia	COP	Colombian Peso
Croatia	HRK	Croatian Kuna
Czechia	CZK	Czech Koruna
Denmark	DKK	Danish Krone
European Union	EUR	Euro
Hong Kong	HKD	Hong Kong Dollar
Hungary	HUF	Hungarian Forint
Iceland	ISK	Icelandic Krona
India	INR	Indian Rupee
Indonesia	IDR	Indonesian Rupiah
Iran	IRR	Iranian Rial
Israel	ILS	Israeli Shekel
Japan	JPY	Japanese Yen
Kazakhstan	KZT	Kazakhstani Tenge
Korea (the Republic of)	KRW	South Korean Won
Kuwait	KWD	Kuwaiti Dinar
Libya	LYD	Libyan Dinar
Malaysia	MYR	Malaysian Ringgit
Mauritius	MUR	Mauritian Rupee
Mexico	MXN	Mexican Peso
Nepal	NPR	Nepalese Rupee
New Zealand	NZD	New Zealand Dollar
Norway	NOK	Norwegian Krone

Oman	OMR	Omani Rial
Pakistan	PKR	Pakistani Rupee
Philippines	PHP	Philippine Peso
Poland	PLN	Polish Zloty
Qatar	QAR	Qatari Riyal
Romania	RON	Romanian New Leu
Russian Federation	RUB	Russian Ruble
Saudi Arabia	SAR	Saudi Arabian Riyal
Singapore	SGD	Singapore Dollar
South Africa	ZAR	South African Rand
Sri Lanka	LKR	Sri Lankan Rupee
Sweden	SEK	Swedish Krona
Switzerland	CHF	Swiss Franc
Taiwan	TWD	Taiwan New Dollar
Thailand	THB	Thai Baht
Trinidad and Tobago	TTD	Trinidadian Dollar
Turkey	TRY	Turkish Lira
United Arab Emirates	AED	Emirati Dirham
United Kingdom	GBP	British Pound
United States of America	USD	US Dollar

Annexure F

Country wise valid values for 'region' parameter:

For Canada, valid values are:
- Alberta
- British Columbia
- Manitoba
- New Brunswick
- Newfoundland and Labrador
- Northwest Territories
- Nova Scotia

- Nunavut
- Ontario
- Prince Edward Island
- Quebec
- Saskatchewan
- Yukon

For "MX" (Mexico), valid values are:
- Frontier Region
- North Frontier Zone
- Other