

FTIR Substances Smart Text List

Updated March 2025

The smart text list for FTIR entry. Please note that an FTIR technician is able to identify and report substances not on the smart-text list. The smart text list is meant to speed up FTIR substance reporting and prevent misspellings.

If you would like another technician to review the spectrum please contact the MADDs crew with the sample ID or spectrum directly attached to the email.

List of FTIR Smart Text Substances:

Ignore the numeric value associated with the FTIR substance - it is for back-end coding purposes.

101	Sucrose	134	Xylazine
102	Mannitol	135	Tramadol
103	Baking Soda (Sodium Bicarbonate)	136	Flour
104	Baking Powder	137	Lidocaine
105	Cellulose (Microcrystalline Cellulose)	138	THC
106	Glucose	139	Methamphetamine
107	Calcium Stearate	140	Fentanyl HCl / Analogue
108	Inositol	141	Dicalcium Phosphate (Parexyl)
109	Methylsulfonylmethane (MSM or Dimethyl sulfone)	142	4-Anilino-boc-piperidine (4-ANBocP)
110	Sorbitol	143	Para-fluorofentanyl
111	Caffeine	144	Etizolam
112	Dried Lemon Peel	145	2c-b
113	Ascorbic Acid (Vitamin C)	146	4c-d
114	Methylenedioxymethamphetamine (MDMA)	147	6-Monoacetylmorphine (6-MAM)
115	Nicotinamide	148	Acetylcodeine
116	Oxycodone	149	N,N-Dimethyltryptamine (DMT)
117	Paraffin Wax	150	Bromazolam
118	Bupropion	151	Tianeptine
119	Acetylsalicylic Acid (Aspirin)	152	4-Acetoxy-N,N-dimethyltryptamine fumarate
120	Paracetamol (Acetaminophen)	154	Methylphenidate
121	3,4-Methylenedioxyamphetamine (MDA)	155	Tetracaine
122	Codeine	156	Pill Binder (Mg Stearate, Ca Stearate, Stearic Acid)
123	Deschloroketamine	157	Heroin Base
124	Quinine	158	Water
125	Tetramisole/Levamisole	159	Starch (Corn)
126	Procaine	160	Methadone
127	Gabapentin	161	Ibuprofen (Advil, Motrin)
128	O-Desmethyiltramadol	163	Polyethylene Glycol (PEG)
129	Heroin HCL	164	N,N-Dimethylpentylone
130	Cocaine HCL	166	Protonitazene
131	Cocaine freebase (Crack)	167	Diphenhydramine (Benadryl)
132	Ketamine	168	Alpha-PHP HCl
133	Phenacetin	169	Amphetamine Sulfate (Adderall)

170	4-ANPP	177	Isotonitazene
171	Creatine	178	Metonitazene
172	Melatonin	179	Uncertain Nitazene (Zene) Related Substance
173	Tropacocaine	180	Uncertain Benzodiazepine (Benzo) Related Substance
174	Diazepam	181	Lisdexamfetamine (Vyvanse)
175	N-pyrrolidino Protonitazene	182	N-desethyl Isotonitazene
176	N-pyrrolidino Isotonitazene	183	Medetomidine
		184	BTMPS (Tinuvin 770)

If you have any questions please contact the MADDS team: (madds@brandeis.edu)