



Acadia Pharmaceuticals Inc. is providing this letter in response to your unsolicited request for medical information. It is for scientific exchange and individual educational purposes only, and should not be copied or distributed. Information included in this letter may not be consistent with the US FDA-approved Prescribing Information for DAYBUE® (trofinetide) and DAYBUE® STIX (trofinetide) or may be related to unapproved uses. This letter is not intended to advocate any unapproved or approved use, indication, dosage, or other treatment-related decision. Acadia strives to provide current, accurate, and fair-balanced information in compliance with current industry information dissemination guidelines.

For further information regarding Indication and Important Safety Information for DAYBUE and DAYBUE STIX, please click here: [Prescribing Information](#).

DAYBUE® (trofinetide) Carbohydrate Content

This letter is provided in response to your specific request for information regarding carbohydrates in DAYBUE.

There are no dietary restrictions associated with DAYBUE use. A list of ingredients is provided in the package insert. If needed, please consult with a dietitian regarding the effect of ingredients in DAYBUE® Oral Solution or DAYBUE® STIX (trofinetide) for Oral Solution on the diet.

Carbohydrate Content in DAYBUE Oral Solution

DAYBUE Oral Solution 200 mg/mL contains 30 mg/mL maltitol.¹ **Table 1** provides the carbohydrate content for recommended doses of DAYBUE by patient weight. The percentage of daily carbohydrate intake shown is based on general ketogenic diet guidance (typically 12 and 20 g per day) and is not specific to DAYBUE. The effect of DAYBUE on carbohydrate intake in a ketogenic diet has not been formally studied.

Table 1. Carbohydrate Content and Percentage of Daily Carbohydrate Intake for Recommended Doses of DAYBUE Based on Ketogenic Diet^{1-3*}

Patient weight	DAYBUE volume per dose	Carbohydrate content (0.03 g/mL)	Percentage of daily carbohydrate intake based on ketogenic diet [†]
9 kg to less than 12 kg	25 mL twice daily	1.5 grams daily	7.5–12.5%
12 kg to less than 20 kg	30 mL twice daily	1.8 grams daily	9–15%
20 kg to less than 35 kg	40 mL twice daily	2.4 grams daily	12–20%
35 kg to less than 50 kg	50 mL twice daily	3.0 grams daily	15–25%
50 kg or more	60 mL twice daily	3.6 grams daily	18–30%

**Note: Dosage adjustment is recommended for patients with moderate renal impairment. DAYBUE is not recommended for patients with severe renal impairment. Refer to the full Prescribing Information.*

[†]Based on ketogenic diet with daily carbohydrate intake between 12 and 20 g per day.³

Carbohydrate Content in DAYBUE STIX for Oral Solution

DAYBUE STIX for Oral Solution contains 40 mg carbohydrate per gram of trofinetide.⁴ **Table 2** provides the carbohydrate content for recommended doses of DAYBUE STIX by patient weight. The percentage of daily carbohydrate intake shown is based on general ketogenic diet guidance (typically 12 and 20 g per day) and is not specific to DAYBUE STIX. The effect of DAYBUE STIX on carbohydrate intake in a ketogenic diet has not been formally studied.

Table 2. Carbohydrate Content and Percentage of Daily Carbohydrate Intake for Recommended Doses of DAYBUE STIX Based on Ketogenic Diet²⁻⁴

Patient weight	DAYBUE STIX dosage	Carbohydrate content (0.04 g/g)	Percentage of daily carbohydrate intake based on ketogenic diet [†]
9 kg to less than 12 kg	5,000 mg twice daily	0.40 grams daily	2–3.3%
12 kg to less than 20 kg	6,000 mg twice daily	0.48 grams daily	2.4–4%
20 kg to less than 35 kg	8,000 mg twice daily	0.64 grams daily	3.2–5.3%
35 kg to less than 50 kg	10,000 mg twice daily	0.80 grams daily	4–6.7%
50 kg or more	12,000 mg twice daily	0.96 grams daily	4.8–8%

**Note: Dosage adjustment is recommended for patients with moderate renal impairment. DAYBUE STIX is not recommended for patients with severe renal impairment. For patients with moderate renal impairment who require a dose less than 5,000 mg, DAYBUE oral solution is recommended. Refer to the full Prescribing Information.*

[†]Based on ketogenic diet with daily carbohydrate intake between 12 and 20 g per day.³

References

1. Acadia Pharmaceuticals Inc. Data on File. DAYBUE[®] (trofinetide) Oral Solution Carbohydrate Content. March 22, 2023.
2. DAYBUE[®] (trofinetide) [package insert]. San Diego, CA. Acadia Pharmaceuticals Inc. [\[Link\]](#)
3. McArtney R, Bailey A, Champion H. What is a ketogenic diet and how does it affect the use of medicines? *Arch Dis Child Educ Pract Ed*. 2017;102(4):194-199. [\[PubMed\]](#)
4. Acadia Pharmaceuticals Inc. Data on File. Trofinetide Powder for Oral Solution Carbohydrate Content. March 5, 2025.