Data Sheet

L-Arginine, Hydrochloride - CAS 1119-34-2 - Calbiochem

Note that this data sheet is not lot-specific and is representative of the current specifications for this product. Please consult the vial label and the certificate of analysis for information on specific lots. Also note that shipping conditions may differ from storage conditions.

Revision	18-June-2010 JSW
Synonyms	Arg, HCl
Form	White solid
Recommended reaction conditions	Perchloric Acid Titration Required Materials • Glacial acetic acid • Formic acid • Pechloric acid $(HCl)_4$), 0.1 M • L-Arginine, Hydrochloride (Cat. No. 181003) • %% $Hg(CH_3COO)_2$ Protocol 1. Dissolve 0.2 g (accurately weighed) in 5 ml formic acid. 2. Add 70 ml glacial acetic acid and 10 ml 5% $Hg(CH_3COO)_2$. 3. Titrate with 0.1 M perchloric acid. 4. For calculations, 1 ml 0.1 M $HCLO_4$ = 0.010535 g.
CAS number	1119-34-2
RTECS	CF1995500
Chemical formula	$C_6H_{14}N_4O_2 \cdot HCl$
Purity	99% by perchloric acid titration
Contaminants	Iron: 10 ppm Endotoxin: 6.0 EU/g Total micoorganisms: 100 CFU/g
Solubility	H_2O (40 mg/ml)
Storage	+15°C to +30°C
Do Not Freeze	Ok to freeze
Special Instructions	Following reconstitution, aliquot and freeze (-20°C). Stock solutions are stable for up to 6 months at -20°C.
Toxicity	Standard Handling
Merck USA index	14, 780

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